



# Recombinant Human Sciellin (SCEL)

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| <b>Product Code</b>      | CSB-EP020805HU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Uniprot No.</b>       | O95171                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Product Type</b>      | Recombinant Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Immunogen Species</b> | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Purity</b>            | ≥85% (SDS-PAGE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Sequence</b>          | MSNVTLRKMS PTGNEMKSTT QGTTRKQQDF HEVNKRRTFL QDNSWIKKRP<br>EEEKDENVYGR VVLNRHNSHD ALDRKVNERD VPKATISRY SDDTLDRISD<br>RNDAAKTYKA NTLDNQLTNR SMSMFRSLEV TKLQPGGSLN ANTSNTIAST<br>SATTPVKKKR QSWFPPPPPG YNASSSTGTR RREPGVHPPI PPKPSSPVSS<br>PNQLRQDNRQ IHPPKPGVYT ETNRS AERNI RSQDLDNIVK VATSLQRS DK<br>GEELDNLIK M NKSLNRNQGL DSLFRANPKV EEREKRAKSL ESLIYMSTRT<br>DKDGKGIQSL GSPIKVNQRT DKNEKGRQNL ESVAKVNARM NKTSRRSEDL<br>DNATEVNP KG HENTTGKKDL DGLIKVDPET NKNITRGQSL DNLIKVTPEV<br>KRSNQGSKDL NNFIVYPGT EKSTEGGQSL DSLIKVTPER NRTNQG NQDL<br>ENLIKVIPSA NKSSEQGLDE HINVSPKAVK NTDGKQDL DK LIKVNPEIFT<br>NNQRNQDLAN LIKVNPAVIR NNQSQDL DNL IKVKPSALRN TNRDQNLENL<br>IEVNSHVSEN KNGSSNTGAK QAGPQDTV VY TRTYVENS KS PKDGYQENIS<br>GKYIQT VYST SDRSVIERDM CTYCRKPLGV ETKMILDELQ ICCHSTCFKC<br>EICKQPLENL QAGDSIWIYR QTIHCEPCYS KIMAKWIP |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Target Names</b>      | SCEL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Protein Names</b>     | Recommended name: Sciellin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Expression Region</b> | 1-688                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Protein Length</b>    | Full length protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Target Details</b>    | This protein is a precursor to the cornified envelope of terminally differentiated keratinocytes. This protein localizes to the periphery of cells and may function in the assembly or regulation of proteins in the cornified envelope. Transcript variants encoding different isoforms exist. A transcript variant utilizing an alternative polyA signal has been described in the literature, but its full-length nature has not been determined.                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.                                                                                                                                                                                                                                                                                                                                                                                                                          |



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.