



Recombinant Human Sciellin (SCEL)

Product Code	CSB-EP020805HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O95171
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSNVTLRKMS PTGNEMKSTT QGTTRKQQDF HEVNKRRTFL QDNSWIKKRP EEEKDENYGR VVLNRHNSHD ALDRKVNERD VPKATISRY SDDTLDRISD RNDAAKTYKA NTLDNQLTNR SMSMFRSLEV TKLQPGGSLN ANTSNTIAST SATTPVKKKR QSWFPPPPPG YNASSSTGTR RREPGVHPPI PPKPSSPVSS PNQLRQDNRQ IHPPKPGVYT ETNRS AERNI RSQDLNIVK VATSLQRS DK GEELDNLIK M NKSLNRNQGL DSLFRANPKV EEREKRAKSL ESLIYMSTR T DKDGKGIQSL GSPIKVNQRT DKNEKGRQNL ESVAKVNARM NKTSRRSEDL DNATEVNP KG HENTTGKKDL DGLIKVDPET NKNITRGQSL DNLIKVTPEV KRSNQGS KDL NNFIVYPGT EKSTEGGQSL DSLIKVTPER NRTNQGNQDL ENLIKVIPSA NKSSEQGLDE HINVSPKAVK NTDGKQDL DK LIKVNPEIFT NNQRNQDL AN LIKVNPAVIR NNQSQDL DNL IKVKPSALRN TNRDQNLENL IEVNSH VSEN KNGSSNTGAK QAGPQDTV VY TRTYVENS KS PKDGYQENIS GK YIQTVYST SDRSVIERDM CTYCRKPLGV ETKMILDELQ ICCHSTCFKC EICKQPLENL QAGDSIWIYR QTIHCEPCYS KIMAKWIP
Source	E.coli
Target Names	SCEL
Protein Names	Recommended name: Sciellin
Expression Region	1-688
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.