



# Recombinant Human Nucleotide exchange factor SIL1 (SIL1)

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| <b>Product Code</b>      | CSB-EP875645HU-B  |
| <b>Abbreviation</b>      | SIL1  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.  |
| <b>Uniprot No.</b>       | Q9H173  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | HQNLKEFAL TNPEKSSTKE TERKETKAE ELD AEVLEVF HPTHEWQALQ<br>PGQAVPAGSH VRLNLQTGER EAKLQYEDKF RNNLKGKRLD INTNTYTSQD<br>LKSALAKFKE GAEMESSKED KARQAEVKRL FRPIEELKKD FDELNVVIET<br>DMQIMVRLIN KFNSSSSSLE EKIAALFDLE YYVHQMDNAQ DLLSFGGLQV<br>VINGLNSTEP LVKEYAAFVL GAAFSSNPKV QVEAIEGGAL QKLLVILATE<br>QPLTAKKKVL FALCSLLRHF PYAQRQFLKL GGLQVLR TLV QEKGTEVLAV<br>RVVTL LYDLV TEKMFAEEEA ELTQEMSPEK LQQYRQVHLL PGLWEQGWCE<br>ITAHLLALPE HDAREKVLQT LGVLLTTCRD RYRQDPQLGR TLASLQAEYQ<br>VLASLELQDG EDEGYFQELL GSVNSLLKEL R |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | SIL1  |
| <b>Protein Names</b>     | Recommended name: Nucleotide exchange factor SIL1 Alternative name(s):<br>BiP-associated protein Short name= BAP  |
| <b>Expression Region</b> | 32-461  |
| <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 of Mature Protein   |
| <b>Target Details</b>    | This gene encodes a resident endoplasmic reticulum (ER), N-linked glycoprotein with an N-terminal ER targeting sequence, 2 putative N-glycosylation sites, and a C-terminal ER retention signal. This protein functions as a nucleotide exchange factor for another unfolded protein response protein. Mutations in this gene have been associated with Marinesco-Sjogren syndrome. Alternate transcriptional splice variants have been characterized.  |
| <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.

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