

## SIL1 Human Recombinant

<b>Item Number</b>	rAP-3825
<b>Synonyms</b>	SIL1 homolog endoplasmic reticulum chaperone (S. cerevisiae), nucleotide exchange factor SIL1, Marinesco-Sjogren syndrome, BiP-associated protein, ULG5, MSS, BAP.
<b>Description</b>	SIL1 Human Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 439 amino acids (32-461) and having a molecular mass of 50.0 kDa. SIL1 is fused to a 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9H173
<b>Amino Acid Sequence</b>	MHQNLKEFAL TNPEKSSTKE TERKETKAE ELD AEVLEVF HPTHEWQALQ PGQAVPAGSH VRLNLQTGER EAKLQYEDKF RNNLKGKRLD INTNTYTSQD LKSALAKFKE GAEMESSKED KARQAEV- KRL FRPIEELKGD FDELNVVIET DMQIMVRLIN KFNSSSSSLE EKIAALFDLE YYVHQMDNAQ DLLSFG- GLQV VINGLNSTEP LVKEYAAFVL GAAFSSNPKV QVEAIEGGAL QKLLVILATE QPLTAKKKVL FALCSLLRHF PYAQRQFLKL GGLQVLR TLV QEKGTEVLAV RVVTLLYDLV TEKMFAEEEA ELTQEMSPEK LQQYRQVHLL PGLWEQGWCE ITAHL LALPE HDAREKVLQT LGVLLTTCRD
<b>Source</b>	<i>E. coli</i> .
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	The SIL1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**