

## 32-4846: Recombinant Human SIL1

**Alternative Name :** SIL1 homolog endoplasmic reticulum chaperone (S. cerevisiae),nucleotide exchange factor SIL1,Marinesco-Sjogren syndrome,BiP-associated protein,ULG5,MSS,BAP.

### Description

Source : E.coli. SIL1 Human Recombinant produced in E. coli 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. SIL1 is localized to endoplasmic reticulum (ER). SIL1 is an N-linked glycoprotein with an N-terminal ER targeting sequence, 2 putative N-glycosylation sites, and a C-terminal ER retention signal. SIL1 acts as a nucleotide exchange factor for another unfolded protein response protein. Mutations in SIL1 are linked to Marinesco-Sjogren syndrome.

### Product Info

**Amount :** 10 µg

**Purification :** Greater than 90% as determined by SDS-PAGE.

**Content :** The SIL1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl and 10% glycerol.

**Storage condition :** 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.

**Amino Acid :** MHQNLKEFAL TNPEKSSTKE TERKETKAE ELD AEVLEVF HPTHEWQALQ PGQAVPAGSH VRLNLQTGER EAKLQYEDKF RNNLKGKRLD INTNTYTSQD LKSALAKFKE GAEMESSKED KARQAEVKRL FRPIEELKKD FDELNVVIET DMQIMVRLIN KFNSSSSSLE EKIAALFDLE YYVHQMDNAQ DLLSFGGLQV VINGLNSTEP LVKEYAAFVL GAAFSSNPKV QVEAIEGGAL QKLLVILATE QPLTAKKKVL FALCSLLRHF PYAQRQFLKL GGLQVLRTLV QEKGTEVLAV RVVTLLYDLV TEKMF AEEEE ELTQEMSPEK LQYRQVHLL PGLWEQGWCE ITAHL LALPE HDAREKVLQT LGVLLTTCRD RYRQDPQLGR TLA SLQAEYQ VLASLELQDG EDEGYFQELL GSVNSLLKEL RLEHHHHHH.

