

Product datasheet for **TP311850L**

SIL1 (NM_022464) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human SIL1 homolog, endoplasmic reticulum chaperone (*S. cerevisiae*) (SIL1), transcript variant 2, 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC211850 representing NM_022464
Red=Cloning site **Green**=Tags(s)

MAPQSLPSSRMAPLGMMLLGLLMAACFTFCLSHQNLKEFALTNPEKSSTKETERKETKAEHEELDAEVLEVF
HPTHEWQALQPGQAVPAGSHVRLNLQTGEREAKLQYEDKFRNNLKGKRLDINTNTYTSQDLKSALAKFKE
GAEMESSKEDKARQAEVKRFRPIEELKKDFDELNVVIETDMQIMVRLINKFNSSSSSLEEKIAALFDLE
YYVHQMDNAQDLLSFGGLQVVINGLNSTEPLVKEYAAFVLGAAFSSNPKVQVEAIEGGALQKLLVILATE
QPLTAKKKVLFALCSLLRHFPYAQRQFLKLGGLQVRLTLVQEKGTEVLAVRVVTLTYDLVTEKMFEEEEA
ELTQEMSPEKLQYRQVHLLPGLWEQGWCEITAHLLALPEHDAREKVLQTLGVLLTTCRDRYRQDPQLGR
TLASLQAEYQVLASLELQDGEDEGYFQELLGSVNSLLKELR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 48.8 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_071909](#)

Locus ID: 64374

UniProt ID: [Q9H173](#), [A0A0S2Z6B4](#)

RefSeq Size: 1815

Cytogenetics: 5q31.2

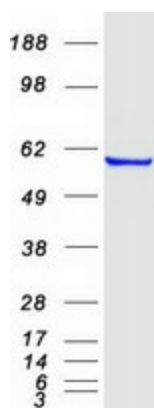
RefSeq ORF: 1383

Synonyms: BAP; MSS; ULG5

Summary: 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. [provided by RefSeq, Jul 2008]

Protein Families: Protease, Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified SIL1 protein (Cat# [TP311850]). The protein was produced from HEK293T cells transfected with SIL1 cDNA clone (Cat# [RC211850]) using MegaTran 2.0 (Cat# [TT210002]).