9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SIL1 Human

SIL1 Human Recombinant
RCP2098

Product Overview

Name	SIL1 Human
Description	
SIL1 Human Recombinant	
Accession (Primary)	Q9H173
Synonyms	
SIL1 homolog endoplasmic reticulum chaperone (S. cerevisiae), nucleotide exchange factor SIL1, Marinesco-Sjogren syndrome, BiP-associated protein, ULG5, MSS, BAP.	
Introduction	
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.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SIL1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl and 10% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MHQNLKEFAL TNPEKSSTKE TERKETKAEE ELDAEVLEVF 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 TEKMFAEEEA ELTQEMSPEK LQQYRQVHLL PGLWEQGWCE	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

ITAHLLALPE HDAREKVLQT LGVLLTTCRD RYRQDPQLGR TLASLQAEYQ VLASLELQDG EDEGYFQELL GSVNSLLKEL R LEHHHHHH .

Precautions

SIL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H173)