

SIL1 recombinant protein

SIL1, 32-461aa, Human, His tag, E Coli

CATALOG # AAA48724	HOST E Coli	APPLICATIONS SDS-Page
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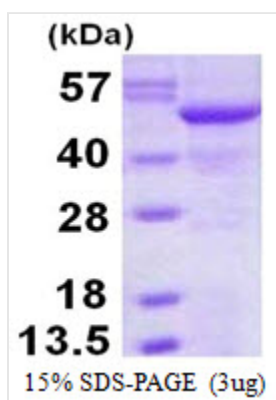
PRODUCT SYNONYMS

SIL1; 32-461aa; Human; His tag; E Coli; Nucleotide exchange factor SIL1; BAP; MSS; uLG5; SIL1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MHQNLFKFAF TNPEKSSTKE TERKETKAE ELDAAEVLEVF HPTHEWQALQ PGQAVPAGSH VRLNLQTGER EAKLQYEDKF RNNLKGKRLD INTNTYTSQD LKSALAKFKE GAEMESSKED KARQAEVKRL FRPIEELKDD FDELNVVIET DMQIMVRLIN KFNSSSSSLE EKIAALFDLE YYVHQMDNAQ DLLSFGGLQV VINGLNSTEP LVKEYAAFVL GAAFSSNPV QVEAIEGGAL QKLLVILATE QPLTAKKKVL FALCSLLRHF PYAQRQFLKL GGLQVLRITLV QEKGTEVLAV RVVTLTYDLV TEKMFEEEE ELTQEMSPEK LQQYRQVHLL PGLWEQGWCE ITALLALPE HDAREKVLQT LGVLLTTCRD RYRQDPQLGR TLASLQAEYQ VLASLELQDG EDEGYFQELL GSVNSLLKEL RLEHHHHHH
Sequence Length	461
Applicable Applications for SIL1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SIL1 recombinant protein	Nucleotide exchange factor, also known as SIL1, is 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. Recombinant human SIL1 protein, fused to His-tag at C-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for SIL1 recombinant protein	Heat Shock Proteins
References	Chung KT., et al. (2002) J Biol Chem. 277 (49):47557-63.; Senderek J., et al. (2005) Nat Genet. 37 (12): 1312-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11968009
NCBI GeneID	64374
NCBI Accession #	NP_071909
NCBI GenBank Nucleotide #	NM_022464.4
UniProt Accession #	Q9H173; Q8N2L3; D3DQC2
Molecular Weight	50 kDa (439aa)
NCBI Official Full Name	nucleotide exchange factor SIL1
NCBI Official Synonym Full Names	SIL1 nucleotide exchange factor
NCBI Official Symbol	SIL1
NCBI Official Synonym Symbols	BAP; MSS; ULG5
NCBI Protein Information	nucleotide exchange factor SIL1
UniProt Protein Name	Nucleotide exchange factor SIL1
UniProt Gene Name	SIL1
UniProt Synonym Gene Names	BAP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/sil1-recombinant-protein-e-coli-sds-page/48724>