

Recombinant Human SIL1 Protein

Catalog #	Source	Reactivity	Applications
CRP2306	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human SIL1 Protein is produced by our mammalian expression system and the target gene encoding His32-Arg461 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μ M filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol SIL1

Alternative Names Nucleotide exchange factor SIL1; BiP-associated protein; BAP

Entrez Gene 64374 (Human)

SwissProt Q9H173 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure HQNLKEFALT NPEKSSTKET ERKETKAEEL LDAEVLEVFH PTHEWQALQP GQAVPAGSHV
 RLNLQTGERE AKLQYEDKFR NNLK GKRLDI NTNTYTSQDL KSALAKFKEG AEMESSKEDK
 ARQAEVKRLF RPIEELKKDF DELNVVIETD MQIMVRLINK FNSSSSSLEE KIAALFDLEY
 YVHQMDNAQD LLSFGGLQVV INGLNSTEPL VKEYAAFVLG AAFSSNPKVQ VEAIEGGALQ
 KLLVILATEQ PLTAKKKVLF ALCSLLRHFP YAQRQFLKLG GLQVLRTLVQ EKGTEVLAVR
 VVTLLYDLVT EKMFAEEEEAE LTQEMSPEKL QQYRQVHLLP GLWEQGWCEI TAHLLALPEH
 DAREKVLQTL GVLLTTCRDR YRQDPQLGRT LASLQAEYQV LASLELQDGE DEGYFQELLG
 SVNSLLKELR VDHHHHHH

Quality Control Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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