

Active Recombinant Full Length Human SRP54 Protein, C-Flag-tagged

Cat. No. SRP54-388HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SRP54 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Binds to the signal sequence of presecretory protein when they emerge from the ribosomes and transfers them to TRAM (translocating chain-associating membrane protein).
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	ELISA capture for autoantibodies
Molecular Mass	55.5 kDa
AA Sequence	MVLADLGRKITSALRSLSNATIINEEVLNAMLKEVCTALLEADVNIKLVKQLRENVKSAI DLEEMASGLN KRKMIQHAVFKELVKLVDPGVKAWTPTKGKQNVIMFVGLQGSGKT TTCSKLAYYYQRKGWKTCLICADTF RAGAFDQLKQNKATKARIPFYGSYTEM DPVIA SEGVEKFKNENFEIIIVDTSGRHKQEDSLFEEMLQVAN AIQPDNIVYVMDASIGQACE AQAKAFKDKVDVASVIVTKLDGHAKGGGALSAAVATKSPIIFIGTGEHID DFEPFKTQ PFISKLLGMGDIEGLIDKVNELKLDDNEALIEKLKHGQFTLRDMYEQFQNMKMGPF S QILG MIPGFGTDFMSKQNEQESMARLKKLMTIMDSMNDQELDSTDGAKVFSKQPG

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RIQRVARGSGVSTRDVQEL LTQYTKFAQMVKKMGGIKGLFKGGDMSKNVSQSQM
AKLNQQMAKMMDPRLHMHMGGMAGLQSMMRQFQQG
AAGNMKGMMGFNNMTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Protein export
Full Length	Full L.

GENE INFORMATION

Gene Name	SRP54 signal recognition particle 54 [Homo sapiens (human)]
Official Symbol	SRP54
Synonyms	SCN8
Gene ID	6729
mRNA Refseq	NM_003136.4

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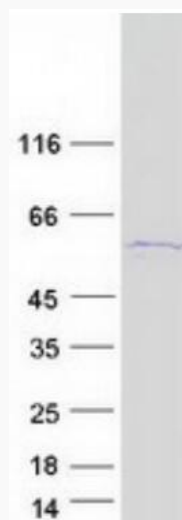
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Protein Refseq NP_003127.1

MIM 604857

UniProt ID P61011



Coomassie blue staining of purified SRP54 protein.

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