

Recombinant Human SRP54 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SRP54-5126H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SRP54 MS Standard C13 and N15-labeled recombinant protein (NP_003127) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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).
Molecular Mass	55.5 kDa
AA Sequence	MVLADLGRKITSALRSLSNATIINEEVLNAMLKEVCTALLEADVNIKLVKQLRENVKSAI DLEEMASGLNKRKMIQHAVFKELVKLVDPGVKAWTPTKGKQNVIMFVGLQGSGKTT TCSKLAYYYYQRKGWKTCLICADTFRAGAFDQLKQNA TKARIPFYGSYTEM DPV I IASE GVEKFKNENFEI I IVDTSGRHKQEDSLFEEM LQVANAIQPDNIVYVMDASIGQACEAQ AKAFKDKVDVASVIVTKLDGHAKGGGALSAVAATKSPIIFIGTGEHIDDFEPFKTQPF I SKLLGMGDIEGLIDKVNELK LDDNEALIEKLKHGQFTLRDMYEQFQNI MKMGPF SQIL GMIPGFGTDFMSKGNEQESMARLKKLMTIMDSMNDQELDSTDGAKVFSKQPGRIQ RVARGSGVSTRDVQELLTQYTKFAQMVKKMGGIKGLFKGGDMSKNVSQSQMAKLN QQMAKMMDPRVLHHMGGMAGLQSM MRQFQQGAAGNMKGMMGFNNMTRTRPLE QKLISEEDLAANDILDYKDDDDKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

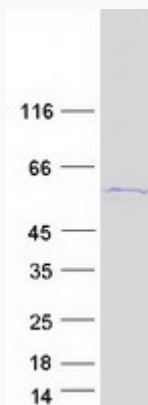
GENE INFORMATION

Gene Name	SRP54 signal recognition particle 54kDa [Homo sapiens (human)]
Official Symbol	SRP54
Synonyms	SRP54; signal recognition particle 54kDa; signal recognition particle 54kD; signal recognition particle 54 kDa protein;
Gene ID	6729
mRNA Refseq	NM_003136
Protein Refseq	NP_003127
MIM	604857
UniProt ID	P61011

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SDS-PAGE

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