

Product datasheet for **TP301658**

SRP54 (NM_003136) Human Recombinant Protein

Product data:

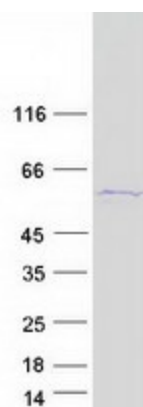
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human signal recognition particle 54kDa (SRP54), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201658 representing NM_003136 Red =Cloning site Green =Tags(s)
	<p>MVLADLGRKITSALRSLSNATIINEEVLNAMLKEVCTALLEADVNIKLVKQLRENVKSAIDLEEMASGLN KRKMIQHAVFKELVKLVDPGVKAWTPTKGKQNVIMFVGLQGSGKTTTCSKLAYYYQRKGWKTCLICADTF RAGAFDQLKQKATKARIPFYGSYTEMDFVIIASEGVEKFKNENFEIIVDTSGRHKQEDSLFEEMLQVAN AIQPDNIVYVMDASIGQACEAQAKAFKDKVDVASVIVTKLDGHAKGGGALSAVAATKSPIIFIGTGEHID DFEPFKTQPFISKLLGMGDIEGLIDKVNELKDDNEALIEKLKHGQFTLRDMYEQFQNMKMGPFSQLG MIPGFGTDFMSKGNESMARLKKLMTIMDSMNDQELDSTDGAKVFSKQPGRIQRVARGSGVSTRDVQ EL LTQYTKFAQMVKKMGGIKGLFKGGDMSKNVSQSQMAKLNQQMAKMMDPRVLHHMGGMAGLQSM MRQFQQG AAGNMKGMMGFNNM</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	55.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	ELISA capture for autoantibodies (PMID: 25524922)
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_003127</u>
Locus ID:	6729
UniProt ID:	<u>P61011</u>
RefSeq Size:	2164
Cytogenetics:	14q13.2
RefSeq ORF:	1512
Synonyms:	SCN8
Summary:	Binds to the signal sequence of presecretory protein when they emerge from the ribosomes and transfers them to TRAM (translocating chain-associating membrane protein). [UniProtKB/Swiss-Prot Function]
Protein Pathways:	Protein export

Product images:



Coomassie blue staining of purified SRP54 protein (Cat# TP301658). The protein was produced from HEK293T cells transfected with SRP54 cDNA clone (Cat# [RC201658]) using MegaTran 2.0 (Cat# [TT210002]).