

Product datasheet for **TP301658M**

SRP54 (NM_003136) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human signal recognition particle 54kDa (SRP54), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201658 representing NM_003136

Red=Cloning site **Green**=Tags(s)

MVLADLGRKITSALRSLSNATIINEEVLNAMLKEVCTALLEADVNIKLVKQLRENVKSAIDLEEMASGLN
KRMKIQHAVFKELVKLVDPGVKAWTPTKGGKQNVIMFVGLQGSGKTTTCSKLAYYQRKGWKTCLICADTF
RAGAFDQLKQNKARIPFYGSYTEMPIVIAASEGVEKFKNENFEIIVDTSGRHKQEDSLFEEMLQVAN
AIQPDNIVYVMDASIGQACEAQAKAFKDKVDVASVIVTKLDGHAKGGGALSAVAATKSPIIFIGTGEHID
DFEPFKTQPFISKLLGMGDIEGLIDKVNELKDDNEALIEKLNKLGQFTLRDMYEQFNIMKMGPFSQLG
MIPGFGTDFMSKGNESMARLKKLMTIMDSMNDQELDSTDGAKVFSKQPGRIQRVARGSGVSTRDVQEL
LTQYTKFAQMVKKMGGIKGLFKGGDMSKNVSQSQMAKLNQQMAKMMMDPRVLHMMGGMAGLQSMRQFQQG
AAGNMKGMMGFNNM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.

Storage: Store at -80°C.



[View online >](#)

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: [NP_003127](#)

Locus ID: 6729

UniProt ID: [P61011](#)

RefSeq Size: 2164

Cytogenetics: 14q13.2

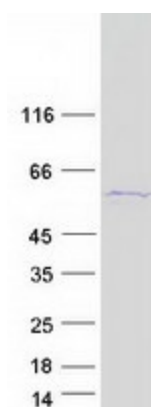
RefSeq ORF: 1512

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]).