

## Product datasheet for PH301658

### SRP54 (NM\_003136) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SRP54 MS Standard C13 and N15-labeled recombinant protein (NP_003127)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201658
Predicted MW:	55.5 kDa
Protein Sequence:	>RC201658 representing NM_003136 Red=Cloning site Green=Tags(s)

MVLADLGRKITSALRSLSNATIINEEVLNAMLKEVCTALLEADVNIKLVKQLRENVKSAIDLEEMASGLN  
KRKMIQHAVFKELVKLVDPGVKAWTPTKGQNVIMFVGLQGSGKTTTCSKLAYYYQRKGWKTCLICADTF  
RAGAFDQLKQNAKARIPFYGSYTEMDPVIIASEGVKFKNENFEIIIVDTSGRHKQEDSLFEMLQVAN  
AIQPDNIYVYMDASIGQACEAQAKAFKDKVDVASVIVTKLDGHAKGGGALSAAVATKSPIIFIGTGEHID  
DFEPFKTQPFISKLLGMDIEGLIDKVNELKDDNEALIEKLVKGGFTLRDMYEQFQINIMKMGPFQSILG  
MIPFGFTDFMSKNEQESMARLKKLMTIMDSMNDQELDSTDGAKVFSKQPGRIQRVARGSGVSTRDVQEL  
LTQYTKFAQMVKKMGGIKGLFKGGDMSKNVSQSQMAKLNQQMAKMMDPVRLHHMGGMAGLQSMRQFQQG  
AAGNMKGMMGFNNM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

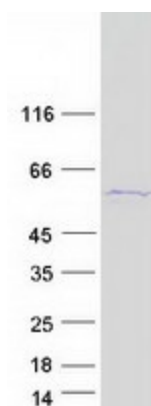
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_003127</u>
RefSeq Size:	2164
RefSeq ORF:	1512



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Synonyms:	SCN8
Locus ID:	6729
UniProt ID:	<a href="#">P61011</a>
Cytogenetics:	14q13.2
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]).