

Product datasheet for **RC228370**

SRP54 (NM_001146282) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | SRP54 (NM_001146282) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | SRP54 |
| Synonyms: | SCN8 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>RC228370 representing NM_001146282
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCACCATTATCAATGAAGAGGTCTGCTATTGATCTTGAAGAGATGGCATCTGGTCTTAACAAAAGAA
 AAATGATTCAGCATGCTGTATTTAAAGAACTTGTGAAGCTTGTAGACCCTGGAGTTAAGGCATGGACACC
 CACTAAAGGAAAAACAAAATGTGATTATGTTTGGATTGCAAGGGAGTGGTAAAACAACAACATGTTCA
 AAGCTAGCATATTATTACCAGAGGAAAGGTTGGAAGACCTGTTTAAATATGTGCAGACACATTCAGAGCAG
 GGGCTTTTGACCAACTAAAACAGAATGCTACCAAAGCAAGAATCCATTTTATGGAAGCTATACAGAAAT
 GGATCCTGTCATCATTGCTTCTGAAGGAGTAGAGAAATTTAAAAATGAAAATTTTGAAATTATTATTGTT
 GATACAAGTGGCCGCCACAAACAAGAAGACTCTTTGTTTGAAGAAATGCTTCAAGTTGCTAATGCTATAC
 AACCTGATAACATTGTTTATGTGATGGATGCCTCCATTGGGCAGGCTTGTGAAGCCCAGGCTAAGGCTTT
 TAAAGATAAAGTAGATGTAGCCTCAGTAATAGTGACAAAACCTTGTGGCCATGCAAAAAGGAGGTGGTGCA
 CTAGTGCAGTCGCTGCCACAAAAGTCCGATTATTTTCATTGGTACAGGGGAACATATAGATGACTTTG
 AACCTTTCAAAACACAGCCTTTTATTAGCAAACCTCTTGGTATGGGCGACATTGAAGGACTGATAGATAA
 AGTCAACGAGTTGAAGTTGGATGACAAATGAAGCACTTATAGAGAAGTTGAAACATGGTCAGTTTACGTTG
 CGAGACATGTATGAGCAATTTCAAAAATATCATGAAAATGGGCCCTTCAGTCAGATCTTGGGGATGATCC
 CTGGTTTTGGGACAGATTTTATGAGCAAAGGAAATGAACAGGAGTCAATGGCAAGGCTAAAGAAATTAAT
 GACAATAATGGATAGTATGAATGATCAAGAAGTACAGTACGGATGGTCCAAAGTTTTTAGTAAACAA
 CCAGGAAGAATCCAAAGAGTAGCAAGAGGATCGGGTGTATCAACAAGAGATGTTCAAGAAGTCTTTGACAC
 AATATACCAAGTTTGCACAGATGGTAAAAAAGATGGGAGGTATCAAAGGACTTTTTCAAGGTGGCGACAT
 GTCTAAGAATGTGAGCCAGTACAGATGGCAAAAATTTGAACCAACAAATGGCCAAAATGATGGATCCTAGG
 GTTCTTATCACATGGTGGTATGGCAGGACTTCAATGATGAGGCAGTTTCAACAGGGTGGCTGCTG
 GCAACATGAAAGGCATGATGGGATTCAATAATATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC228370 representing NM_001146282
 Red=Cloning site Green=Tags(s)

MPPLSMKRSIDLEEMASGLNKRKMIQHAVFKELVKLVDPGVKAWPTKKGQNVIMFVGLQGSGKTTTCS
 KLAYYYQRKGWKTCLICADTFRAGAFDQLKQNAKARIPFYGSYTEM DPV I IASEGVKFKNFENFEI IIV
 DTSGRHKQEDSLFEEMLQVANAIQPDNIYVYMDASIGQACEAQAKAFKDKVDVASVIVTKLDGHAKGGGA
 LSAVAATKSPIIFIGTGEHIDDFEPFKQPFISKLLGMGDIEGLIDKVNELKLDNEALIEKLRKHGQFTL
 RDMYEQFNIMKMGPFSQLGMIPGFTDFMSKNEQESMARLKKLMTIMDSMNDQELDSTDGAKVFSKQ
 PGRIQRVARGSGVSTRDQVQLLQYTKFAQMVKKMGGIKGLFKGGDMSKNVVSQSQMAKLNQQMAKMMDP
 VLHHMGGMAGLQSMRQFQQGAAGNMKGMGMFNMM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8039_a11.zip

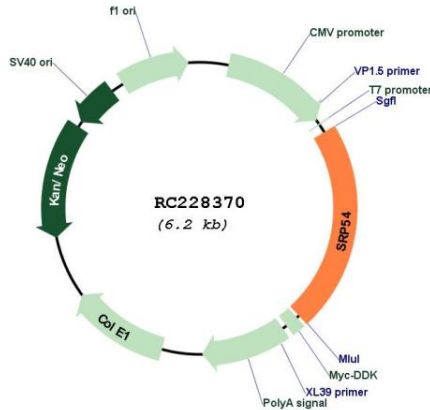
Restriction Sites:

Sgfl-Mlul

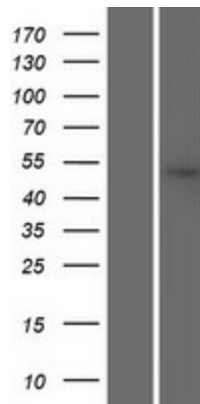
MW: 50.2 kDa

Gene 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]

Product images:



Circular map for RC228370



Western blot validation of overexpression lysate (Cat# [LY431398]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC228370 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).