

Product datasheet for TP301098L

SF3A1 (NM_005877) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human splicing factor 3a, subunit 1, 120kDa (SF3A1), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201098 protein sequence Red=Cloning site Green=Tags(s)

MPAGPVQAVPPPPVPTEPKQPTTEEEASSKEDSAPSKPVGIIYPPPEVRNIVDKTASFVARNGPEFEAR
IRQNEINNPKFNFLNPNDPYHAYYRHKVSEFKEGKAQEPSAAIPKVMQQQQTTQQQLPQKVQAQVIQET
IVPKEPPPEFEFIADPPSISAFDLDVVKLTAQFVARNGRQFLTQLMQKEQRNYQFDLRLPQHSLFNFTK
LVEQYTKILIPPKGLFSLKKEAENPREVLDQVCYRVEWAKFQERERKKEEEEEKEKERVAYAQIDWHDFV
VWETVDFQPNEQGNFPPPTTPEELGARILIQERYEKFGSEEEVEMEVESDEEDDKQEKAEPPSQLDQDT
QVQDMDEGSDDDEEGQKVPVPPETPMPPPLPPTPDQVIVRKDYDPKASKPLPPAPAPDEYLVSPITGEKI
PASKMQEHMRIGLLDPRWLEQRDRSIREKQSDDEVYAPGLDIESSLKQLAERRTDIFGVEETAIGKKIGE
EEIQKPEEKVTWDGHSGSMARTQQAQANITLQEIEAIHKAKGLVPEDDTKEKIGPSKPNIPQPPPP
SSATNIPSSAPPITVPRPPTMPPVVRTTAVSAVPMRPPMASVRLPPGSVIAPMPPHAPRINWVP
MPPSAPPIMAPRPPMIVPTAFVPAPPVAPVPAPAPMPPVHPPPPMEDEPTSCKLKTEDSLMPEEEFLRR
NKGVPSIKVQVPMQDKTEWKLNGQVLVFTLPLTDQVSVIKVKIHEATGMPAGKQKLQYEGIFIKDSNSL
AAYNMANGAVIHLALKERGGRKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

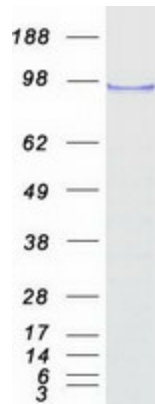
Tag:	C-Myc/DDK
Predicted MW:	88.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
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_005868
Locus ID:	10291
UniProt ID:	Q15459 , A0A024R1K8
RefSeq Size:	5159
Cytogenetics:	22q12.2
RefSeq ORF:	2379
Synonyms:	PRP21; PRPF21; SAP114; SF3A120
Summary:	This gene encodes a subunit of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer is a component of the mature U2 small nuclear ribonucleoprotein particle (snRNP). U2 small nuclear ribonucleoproteins play a critical role in spliceosome assembly and pre-mRNA splicing. [provided by RefSeq, Aug 2014]
Protein Families:	Druggable Genome
Protein Pathways:	Spliceosome

Product images:



Coomassie blue staining of purified SF3A1 protein (Cat# [TP301098]). The protein was produced from HEK293T cells transfected with SF3A1 cDNA clone (Cat# [RC201098]) using MegaTran 2.0 (Cat# [TT210002]).