

Product datasheet for PH301098

SF3A1 (NM_005877) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SF3A1 MS Standard C13 and N15-labeled recombinant protein (NP_005868)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201098
Predicted MW:	88.9 kDa
Protein Sequence:	>RC201098 protein sequence Red=Cloning site Green=Tags(s)

MPAGPVQAVPPPPVPTEPKQPTTEEASSKEDSAPSKPVVGGIYPPPEVRNIVDKTASFVARNGPEFEAR
IRQNEINNPKNFLNPNDPYHAYRHKVSEFKEGKAQEPSAAIPKVMQQQQTTQQQLPQKVQAQVIQET
IVPKEPPPEFEFIADPPSISAFDLDVVKLTAQFVARNGRQFLTQLMQKEQRNYQFDLFRPQHSLFNYFTK
LVEQYTKILIPPKGLFSKLLKKEAENPREVLQVCYRVEWAKFQERERKKEEEEEKEKERVAYAQIDWHDFV
VVETVDFQPNEQGNFPPPTTPEELGARILIQERYEKFGESSEVEMEVESDEEDDKQEKAEEPPSQLDQDT
QVQDMDEGSDDEEEGQKVPPPETPMPPPLPPTPDQVIVRKDYDPKASKPLPPAPAPDEYLVSPITGEKI
PASKMQEHMRIGLLDPRWLEQRDRSIREKQSDDEVYAPGLDIESSLKQLAERRTDIFGVEETAIGKKIGE
EEIQKPEEKVTWDGHSMSMARTQQAQANITLQEQIEAIIHKAKGLVPEDDTKEKIGPSKNEIPQQPPP
SSATNIPSSAPPITSVPRPPTMPPVVRTTVVSAVPVMPRPPMASVRLPPGSVIAPMPPIIHAPRINVV
MPPSAPPIMAPRPPMIIVPTAFVPAPPVAPVAPAMPVHPPPPMEDEPTSKKTKTEDSLMPEEEFLRR
NKGPVSIKQVQPNMQDKTEWKLNGQVLVFTLPLTDQVSVIKVKIHEATGMPAGKQKLQYEGIFIKDSNSL
AYYNMANGAVIHLALKERGGRRK

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_005868



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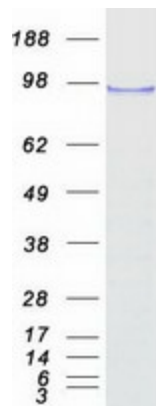
RefSeq Size: 5159
RefSeq ORF: 2379
Synonyms: PRP21; PRPF21; SAP114; SF3A120
Locus ID: 10291
UniProt ID: [Q15459](#), [A0A024R1K8](#)
Cytogenetics: 22q12.2

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]).