

Recombinant Full Length Human SF3A1 Protein, C-Flag-tagged

Cat. No. SF3A1-1620HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SF3A1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	88.7 kDa
AA Sequence	MPAGPVQAVPPPPVPTEPKQPTEEEASSKEDSAPSKPVVGGIYPPPEVRNIVDKTA SFVARNGPEFEAR IRQNEINNPKFNFLNPNDPYHAYYRHKVSEFKEGKAQEPSAAIP KVMQQQQQTQQLPQKVQAQVIQET IVPKEPPPEFEFIADPPSISAFDLDVVKLTA QFVARNGRQFLTQLMQKEQRNYQFDLFRPQHSLFNFTK LVEQYTKILIPPKGLFSK LKKEAENPREVLDQVCYRVEWAKFQERERKKEEEEKEKERVAYAQIDWHDFV VVE TVDFQPNEQGNFPPPTTPEELGARILIQERYEKFGESEEVEMEVESEDEDDKQEKA EEPPSQLDQDT QVQDMDEGSDDEEEGQKVPPPPETPMPPPLPPTPDQVIVRKDYD PKASKPLPPAPAPDEYLVSPITGEKI PASKMQEHMRIGLLDPRWLEQRDRSIREKQS

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DDEVYAPGLDIESSLKQLAERRTDIFGVEETAIGKKIGE EEIQKPEEKVTWDGHSGS
 MARTQQAQANITLQEIEAIHKAKGLVPEDDTKEKIGPSKPNEIPQQPPPP SSATNI
 PSSAPPITSVPRPPTMPPPVRTTVVSAVPVMPRPPMASVVRLPPGSVIAPMPPIIHAP
 RINVVP MPPSAPPIMAPRPPPMIVPTAFVPAPPVAPVPAPAPMPPVHPPPPMEDEP
 TSKKLKTEDSLMPEEEFLRR NKGVPVSIKVQVPMQDKTEWKLNGQVLVFTLPLTDQ
 VSVIKVKIHEATGMPAGKQKLQYEGIFIKDSNSL
 AYYNMANGAVIHLALKERGGRKKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Spliceosome
Full Length	Full L.

GENE INFORMATION

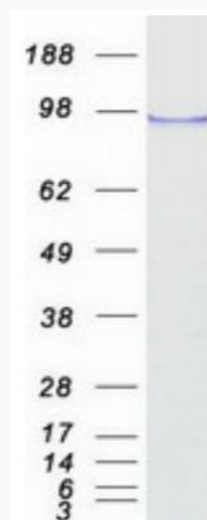
Gene Name	SF3A1 splicing factor 3a subunit 1 [Homo sapiens (human)]
Official Symbol	SF3A1

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Synonyms	PRP21; PRPF21; SAP114; SF3A120
Gene ID	10291
mRNA Refseq	NM_005877.6
Protein Refseq	NP_005868.1
MIM	605595
UniProt ID	Q15459



Coomassie blue staining of purified SF3A1 protein.

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