

Recombinant Human SF3A1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SF3A1-6114H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SF3A1 MS Standard C13 and N15-labeled recombinant protein (NP_005868) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	88.9 kDa
AA Sequence	MPAGPVQAVPPPPVPTEPKQPTEEEASSKEDSAPSKPVVGIIYPPPEVRNIVDKTA SFVARNGPEFEARIRQNEINNPKFNFLNPNDPYHAYYRHKVSEFKEGKAQEPSAAIP KVMQQQQQTQQLPQKVQAQVIQETIVPKEPPPEFEFIADPPSISAFDLDVVKLTA QFVARNGRQFLTQLMQKEQRNYQFDFLRPQHSLFNFTKLVEQYTKILIPPKGLFSK LKKEAENPREVLDQVCYRVEWAKFQERERKKEEEEKEKERVAYAQIDWHDFVVVE TVDFQPNEQGNFPPPTTPEELGARILIQERYEKFGESEEVEMEVESEDEDDKQKA EEPPSQLDQDTQVQDMDEGSDDEEEGQKVPPPPETPMPPPLPPTPDQVIVRKDYD PKASKPLPPAPAPDEYLVSPITGEKIPASKMQEHMRIGLLDPRWLEQRDRSIREKQS DDEVYAPGLDIESSLKQLAERRTDIFGVEETAIGKKIGEEEIQKPEEKVTWDGHSGSM

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ARTQQAQANITLQEIEAIHKAKGLVPEDDTKEKIGPSKPNEIPQQPPPPSSATNIPS
SAPPITSVPRPPTMPPPVRTTVVSAVPVMPRPPMASVVRLPPGSVIAPMPPIIHAPRI
NVVPMPPSAPPIMAPRPPPMIVPTAFVPAPPVAPVPAPAPMPPVHPPPPMEDEPTS
KKLKTEDSLMPEEEFLRRNKGPVSIKVQVPMQDKTEWKLNGQVLVFTLPLTDQVS
VIKVKIHEATGMPAGKQKLQYEGIFIKDSNSLAYYNMANGAVIHLALKERGGRKKTRT
RPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

Official Symbol SF3A1

Synonyms SF3A1; splicing factor 3a, subunit 1, 120kDa; splicing factor 3a, subunit 1, 120kD; splicing factor 3A subunit 1; Prp21; PRPF21; SAP114; SF3a120; SAP 114; pre-mRNA processing 21; splicing factor 3 subunit 1; spliceosome associated protein 114; spliceosome-associated protein 114; pre-mRNA splicing factor SF3a (120 kDa subunit); PRP21; SF3A120;

Gene ID 10291

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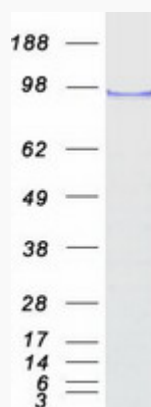
mRNA Refseq [NM_005877](#)

Protein Refseq [NP_005868](#)

MIM [605595](#)

UniProt ID [Q15459](#)

SDS-PAGE



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