

## Product datasheet for TP303895

### SF3A3 (NM\_006802) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human splicing factor 3a, subunit 3, 60kDa (SF3A3), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC203895 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

METILEQRRRYHEEKERLMDVMAKEMLTKKSTLRDQINSDHRTRAMQDRYMEVSGNLRDLYDDKDGLRKE  
ELNAISGPNEFAEFYNRLKQIKEFHRKHPNEICVPMSVEFEELLKARENPSSEAQNLFVEFTDEEGYGRYL  
DLHDCYLKYINLKASEKLDYITYLSIFDQLFDIPKERKNAEYKRYLEMALLEYLQDYTDREVKPLQDQNELF  
GKIQAEFKWKWENGTFPGWPKETSSALTHAGAHLDLSAFSSWEELASLGLDRLKSALLALGLKCGGTLEE  
RAQRLFSTKKGKSLESLDTSLFAKNPKSKGTKRTERNKDIAFLEAQIYEVVEILGEQRHLTHENVQRKQA  
RTGEEREEEEEQISESESEDEENEIYNPKNLPLGWDGKPIPYWLYKLHGLNINYNCEICGNYTYRGPK  
AFQRHFAEWRHAHGMRCGLIPNTAHFANVTQIEDAVSLWAKLKLQKASERWQPDTEEEYEDSSGNVWNKK  
TYEDLKRQGLL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 58.7 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.

**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.



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RefSeq: [NP\\_006793](#)

Locus ID: 10946

UniProt ID: [Q12874](#)

RefSeq Size: 2855

Cytogenetics: 1p34.3

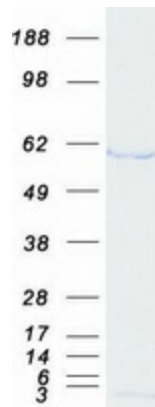
RefSeq ORF: 1503

Synonyms: PRP9; PRPF9; SAP61; SF3a60

**Summary:** This gene encodes subunit 3 of the splicing factor 3a protein complex. The splicing factor 3a heterotrimer includes subunits 1, 2 and 3 and is necessary for the in vitro conversion of 15S U2 snRNP into an active 17S particle that performs pre-mRNA splicing. Subunit 3 interacts with subunit 1 through its amino-terminus while the zinc finger domain of subunit 3 plays a role in its binding to the 15S U2 snRNP. This gene has a pseudogene on chromosome 20. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]

**Protein Pathways:** Spliceosome

### Product images:



Coomassie blue staining of purified SF3A3 protein (Cat# TP303895). The protein was produced from HEK293T cells transfected with SF3A3 cDNA clone (Cat# [RC203895]) using MegaTran 2.0 (Cat# [TT210002]).