

## Product datasheet for PH303895

### SF3A3 (NM\_006802) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SF3A3 MS Standard C13 and N15-labeled recombinant protein (NP_006793)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203895
Predicted MW:	58.8 kDa
Protein Sequence:	>RC203895 protein sequence Red=Cloning site Green=Tags(s)

METILEQRRRYHEEKERLMDVMAKEMLTKKSTLRDQINSDHRTRAMQDRYMEVSGNLRDL YDDKDLRKE  
ELNAISGPNEFAEFYNRLKQIKEFHRKHPNEICVPMSEFEELLKARENPSSEEAQNLVEFTDEEGYGRYL  
DLHDCYLKYINLKASEKLDYITYLSIFDQLFDIPKERKNAEYKRYLEMLLEYLQDYTDVRKPLQDQNELF  
GKIQAFAFEKKWENGTFPGWPKETSSAL THAGHLDL SAFSSWEELASLGLDRLKSALLALGLKCGGTLEE  
RAQRLFSTKGSLES LDTSLFAKNPKSGTKRDTERNKDIAFLEAQIYEYVEILGEQRHL THENVQRKQA  
RTGEEREEEEEEQISESESEDEENEI IYNPKNLPLGWDGKPIPYWLYKLHGLNINYNCEICGNYYTRGPK  
AFQRHFAEWRHAHGMRC LGIPNTAHFANVTQIEDAVSLWAKLKLQKASERWQPDEEYEDSSGNVNNKK  
TYEDLKRQGLL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u><a href="#">NP_006793</a></u>
RefSeq Size:	2855
RefSeq ORF:	1503



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**Synonyms:** PRP9; PRPF9; SAP61; SF3a60

**Locus ID:** 10946

**UniProt ID:** [Q12874](#)

**Cytogenetics:** 1p34.3

**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]).