

Product datasheet for **TP305846M**

splicing factor 1 (SF1) (NM_201998) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human splicing factor 1 (SF1), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205846 protein sequence Red =Cloning site Green =Tags(s)

MATGANATPLDFPSKKRKRSRWNQDTMEQKTVIPGMPTVIPPGLTREQERAYIVQLQIEDLTRKLRTGDL
GIPPNPEDRSPSPEPIYNSEGKRLNTRFTRKKLEERHNLITEMVALNPDFKPPADYKPPATRVSDKV
MIPQDEYPEINFVGLLIGPRGNTLKNIEKECNAKIMIRGKGSVKEGKVGRKDGQMLPGEDEPLHALVTAN
TMENVKKAWEQIRNLIKQGIETPEDQNDLRKMQRLRELARLNGTLREDDNRILRPWQSSETRITNTTCT
KCGGAGHIASDCKFQRPQSAQDKARMDKEYLSLMAELGEAPVPASVGSTSGPATTPLASAPRPAAPA
NNPPPPSLMSTTQSRPPWMNSGPSESRPYHGMHGGGGPGGGPHSFPHPPLPSLTGGHGGHMPMH
NPNGP
PPPWMQPPPPPMNQGPHPGHHGPPPMQDYLSTPVGSGVYRLHQGKGMPPPPMGMMPPPPPP
PSGQPP
PPPSGPLPPWQQQQQQPPPPPPSSSMASSTPLPWQQRSLPAAAMARAMRVRTFRAHW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

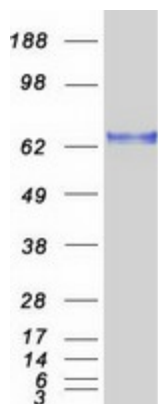
Tag:	C-Myc/DDK
Predicted MW:	59.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_973727</u>
Locus ID:	7536
UniProt ID:	<u>Q15637</u>
RefSeq Size:	2949
Cytogenetics:	11q13.1
RefSeq ORF:	1644
Synonyms:	BBP; D11S636; MBBP; ZCCHC25; ZFM1; ZNF162
Summary:	This gene encodes a nuclear pre-mRNA splicing factor. The encoded protein specifically recognizes the intron branch point sequence at the 3' splice site, together with the large subunit of U2 auxiliary factor (U2AF), and is required for the early stages of spliceosome assembly. It also plays a role in nuclear pre-mRNA retention and transcriptional repression. The encoded protein contains an N-terminal U2AF ligand motif, a central hnRNP K homology motif and quaking 2 region which bind a key branch-site adenosine within the branch point sequence, a zinc knuckles domain, and a C-terminal proline-rich domain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified SF1 protein (Cat# [TP305846]). The protein was produced from HEK293T cells transfected with SF1 cDNA clone (Cat# [RC205846]) using MegaTran 2.0 (Cat# [TT210002]).