

Product datasheet for **TP312344M**

SHFL (NM_018381) Human Recombinant Protein

Product data:

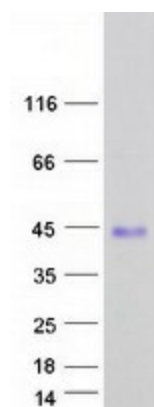
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 19 open reading frame 66 (C19orf66), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212344 representing NM_018381 Red =Cloning site Green =Tags(s)
	MSQEGVELEKSVRRRLREKFHGKVSSKKAGALMRKFGSDHTGVGRSIVYGVKQKDGQELSNDLDAQDPPE D MKQDRDIQAVATSLPLTEANLRMFQRAQDDLIPAVDRQFACSSCDHVWRRVPQRKEVSRCKCRKRY E PVPADKMWGLAEFHCPKCRHNFRGWAQMGSPSPCYGCGFPVYPTRILPPRWDRDPDRRSTHTHSCSAA DC YNRREPHVPGTSCAHPKSRKQNHLPKVLHPSNPHISSGSTVATCLSQGGILLEDLDNLILEDLKEEEEEEE EVEDEEGGPRE
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	32.9 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:	<u>NP_060851</u>
Locus ID:	55337
UniProt ID:	<u>Q9NUL5</u>
RefSeq Size:	1911
Cytogenetics:	19p13.2
RefSeq ORF:	873
Synonyms:	C19orf66; IRAV; RyDEN; SFL
Summary:	Exhibits antiviral activity against dengue virus (DENV) and can inhibit the replication of all DENV serotypes. May block the protein translation of DENV RNA via its association with cellular mRNA-binding proteins and viral RNA. Can also limit the replication of hepatitis C virus (HCV), West Nile virus (WNV), Chikungunya virus (CHIKV), herpes simplex virus type 1 (HHV-1) and human adenovirus (PubMed:26735137).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified SHFL protein (Cat# [TP312344]). The protein was produced from HEK293T cells transfected with SHFL cDNA clone (Cat# [RC212344]) using MegaTran 2.0 (Cat# [TT210002]).