

Product datasheet for PH312344

SHFL (NM_018381) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C19orf66 MS Standard C13 and N15-labeled recombinant protein (NP_060851)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212344
Predicted MW:	32.9 kDa
Protein Sequence:	>RC212344 representing NM_018381 Red=Cloning site Green=Tags(s) MSQEGVELEKSVRRLREKFGKVS SSKAGALMRKFGSDHTGVGRSIVYGVKQKDGQELSNLDAQDPPED MKQDRDIQAVATSL LPLTEANLRMFQRAQDDLIPAVDRQFACSSCDHVWRRVQQRKEVSRCKCRKRYE PVPADKMWGLAEFHCPKCRHNFRGWAQMGSPSPCYGCGFPVYPTRI LPPRWDRDPDRRSTHTHSCSAADC YNRREPHVPGTSCAHPKSRKQNHLPKVLHPSNP HISSGSTVATCLSQGLLEDLDNLILEDLKEEEEEEE EVEDEEGGPRE 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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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>NP_060851</u>
RefSeq Size:	1911
RefSeq ORF:	873
Synonyms:	C19orf66; IRAV; RyDEN; SFL
Locus ID:	55337



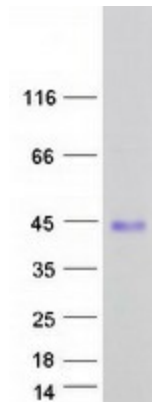
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UniProt ID: [Q9NUL5](#)

Cytogenetics: 19p13.2

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]).