

Product datasheet for PH309551

USP39 (NM_006590) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	USP39 MS Standard C13 and N15-labeled recombinant protein (NP_006581)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209551
Predicted MW:	65.4 kDa
Protein Sequence:	>RC209551 protein sequence Red=Cloning site Green=Tags(s)

MSGRSKRESRGSTRGKRESESRGSSGRVKRERDREREPEAASSRGSPVRVKREFEPASAREAPASVVPFV
RVKREVEVDEDESEPEREVRAKNGRVDSEDRSRHCPYLD TINRSVLDFDFEKLCSISL SHINAYACLVCG
KYFQGRGLKSHAYIHSVQF SHHVFLNLHTLKFYCLPDNYEIIDSSLEDITYVLKPTFTKQQIANLDKQAK
LSRAYDGTTYLPGIVGLNNIKANDYANAVLQALS NVPLRNYFLEEDNYKNIKRPPGDIMFLLVQRFGEL
MRKLWNP RNFKAHVSPHEMLQAVVLC SKKTFQITKQGDGVDFLSWFLNALHSALGGTKKKKKTIVTDVFQ
GSMRIFTKKLPHPDLPAEEKEQLLNDEYQETMVESTFMYLTLDLPTAPLYKDEKEQLIIPQVPLFNILA
KFNKITEKEYKTYKENFLKRFQLTKLPPYLIFCIKRFTKNFFVEKNPTIVNFPITNVDLREYLSEEVQA
VHKNTTYDLIANIVHDGKPSEGSYRIHVLHHGTGKWEYELQDLQVTDILPQMITLSEAYIQIWKRRDNDT
NQQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	NP_006581
RefSeq Size:	2298
RefSeq ORF:	1695



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Synonyms: 65K; CGI-21; HSPC332; SAD1; SNRNP65

Locus ID: 10713

UniProt ID: [Q53GS9](#)

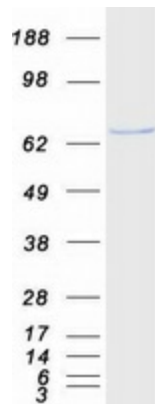
Cytogenetics: 2p11.2

Summary: Plays a role in pre-mRNA splicing as a component of the U4/U6-U5 tri-snRNP, one of the building blocks of the precatalytic spliceosome (PubMed:11350945, PubMed:26912367). Regulates AURKB mRNA levels, and thereby plays a role in cytokinesis and in the spindle checkpoint. Does not have ubiquitin-specific peptidase activity (PubMed:18728397). [UniProtKB/Swiss-Prot Function]

Protein Families: Protease

Protein Pathways: Spliceosome

Product images:



Coomassie blue staining of purified USP39 protein (Cat# [TP309551]). The protein was produced from HEK293T cells transfected with USP39 cDNA clone (Cat# [RC209551]) using MegaTran 2.0 (Cat# [TT210002]).