

Recombinant Human USP39 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. USP39-413H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	USP39 MS Standard C13 and N15-labeled recombinant protein (NP_006581) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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. Regulates AURKB mRNA levels, and thereby plays a role in cytokinesis and in the spindle checkpoint. Does not have ubiquitin-specific peptidase activity.
Molecular Mass	65.4 kDa
AA Sequence	MSGRSKRESRGSTRGKRESESRGSSGRVKRERDREREPEAASSRGSPVRVKREF EPASAREAPASVVPFVRVKREREVDDEDSEPEREVRANKGRVDSEDRRSRHCPYLD TINRSVLDFDFEKLCSISLSHINAYACLVCGKYFQGRGLKSHAYIHSVQFSHHVFLNL HTLKFYCLPDNYEIIDSSLEDITYVLKPTFTKQQIANLDKQAKLSRAYDGTTYLPGIVGL NNIKANDYANAVLQALSNPPLRNYFLEEDNYKNIKRP PGDIMFLLVQRF GELMRKL WNPRNFKAHVSPHEMLQAVVLC SKKTFQITKQGDGVDFLSWFLNALHSALGGTKKK KKTIVTDVFQGS MRIFTKKLPHPDLP AEEKEQL LHND EYQETMVESTFM YLTLDLPTA PLYKDEKEQLIIPQVPLFNILAKFNGITEKEYKTYKENFLKRFQLTKLPPYLIFCIKRFTK NNFFVEKNPTIVNFPITNVDLREYLSEEVQAVHKNTTYDLIANIVHDGKPSEGSYRIHV

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	LHHGTGKWYELQDLQVTDILPQMITLSEAYIQWKRRDNDETNQQGATRTRPLEQKL ISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	USP39 ubiquitin specific peptidase 39 [Homo sapiens (human)]
Official Symbol	USP39
Synonyms	USP39; ubiquitin specific peptidase 39; ubiquitin specific protease 39; U4/U6.U5 tri-snRNP-associated protein 2; CGI 21; SAD1; small nuclear ribonucleoprotein 65kDa (U4/U6.U5); snRNP assembly defective 1 homolog (S.cerevisiae); SNRNP65; SAD1 homolog; SnRNP assembly defective 1 homolog; inactive ubiquitin-specific peptidase 39; U4/U6.U5 tri-snRNP-associated 65 kDa protein; 65K; CGI-21; HSPC332; FLJ33136; MGC75069;
Gene ID	10713
mRNA Refseq	NM_006590

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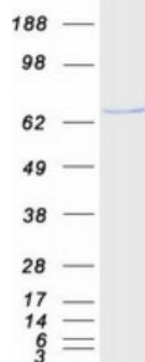
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Protein Refseq NP_006581

MIM 611594

UniProt ID Q53GS9

SDS-PAGE



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