

# Recombinant Full Length Human USP39 Protein, C-Flag-tagged

**Cat. No.** USP39-1264HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human USP39 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | Predicted to enable thiol-dependent deubiquitinase and zinc ion binding activity. Involved in spliceosomal complex assembly. Located in nucleoplasm. Part of U4/U6 x U5 tri-snRNP complex.                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 65.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | <p>MSGRSKRESRGSTRGKRESESRGSSGRVKRERDREREPEAASSRGSPVRVKREF<br/> EPASAREAPASVVPFV RVKREREVDEDSEPEREVRANKGRVDSEDRSRHCPYLD<br/> TINRSVLDFDFEKLCSISLSHINAYACLVCG KYFQGRGLKSHAYIHSVQFSHHVFLNL<br/> HTLKFYCLPDNYEIIDSSLEDITYVLKPTFTKQQIANLDKQAK LSRAYDGTTYLPGIVG<br/> LNNIKANDYANAVLQALSNPPLRNYFLEEDNYKNIKRP PGDIMFLLVQRFGE L MRK<br/> LWNPRNFKAHVSPHEMLQAVVLCSKKTFFQITKQGDGVDFLSWFLNALHSALGGTKK<br/> KKKTIVTDVFQ GSMRIFTKKLPHPDLPAAEEKEQLLNDEYQETMVESTFMYLTLDLP<br/> TAPLYKDEKEQLIIPQVPLFNILA KFN GITEKEYKTYKENFLKRFQLTKLPPYLIFCIKRF<br/> TKNNFFVEKNPTIVNFPITNVDLREYLSEEVQA VHKNTTYDLIANIVHDGKPSEGSYRI</p> |

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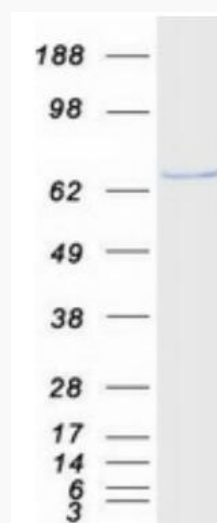
|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|                         | HVLHHGTGKWYELQDLQVTDILPQMITLSEAYIQWKRRDND<br>ET<br>NQQGATRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                       |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Protein Families</b> | Protease                                                                                                                                      |
| <b>Protein Pathways</b> | Spliceosome                                                                                                                                   |
| <b>Full Length</b>      | Full L.                                                                                                                                       |
| <b>GENE INFORMATION</b> |                                                                                                                                               |
| <b>Gene Name</b>        | USP39 ubiquitin specific peptidase 39 [ Homo sapiens (human) ]                                                                                |
| <b>Official Symbol</b>  | USP39                                                                                                                                         |
| <b>Synonyms</b>         | 65K; SAD1; CGI-21; HSPC332; SNRNP65                                                                                                           |
| <b>Gene ID</b>          | 10713                                                                                                                                         |

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|                |             |
|----------------|-------------|
| mRNA Refseq    | NM_006590.4 |
| Protein Refseq | NP_006581.2 |
| MIM            | 611594      |
| UniProt ID     | Q53GS9      |



Coomassie blue staining of purified USP39 protein.