

Recombinant Mouse Usp4 Protein, Myc/DDK-tagged

Cat. No. Usp4-6879M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ubiquitin specific peptidase 4 (proto-oncogene) (cDNA clone MGC:18374 IMAGE:3661165), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Deubiquitinating enzyme that removes conjugated ubiquitin from target proteins. Deubiquitinates PDPK1. Deubiquitinates TRIM21. Deubiquitinates receptor ADORA2A which increases the amount of functional receptor at the cell surface. May regulate mRNA splicing through deubiquitination of the U4 spliceosomal protein PRPF3. This may prevent its recognition by the U5 component PRPF8 thereby destabilizing interactions within the U4/U6.U5 snRNP. May also play a role in the regulation of quality control in the ER.
Molecular Mass	126.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Usp4 ubiquitin specific peptidase 4 (proto-oncogene) [Mus musculus (house mouse)]

Official Symbol Usp4

Synonyms Usp4; ubiquitin specific peptidase 4 (proto-oncogene); U; Unp; mKIAA4155; F730026I20Rik; ubiquitin carboxyl-terminal hydrolase 4; deubiquitinating enzyme 4; ubiquitin specific protease 4 (proto-oncogene); ubiquitin thioesterase 4; ubiquitin thiolesterase 4; ubiquitin-specific-processing protease 4; ubiquitous nuclear protein; EC 3.4.19.12

Gene ID 22258

mRNA Refseq NM_011678

Protein Refseq NP_035808

UniProt ID P35123

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA