

Recombinant Mouse Usp5 Protein, Myc/DDK-tagged

Cat. No. Usp5-6881M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ubiquitin specific peptidase 5 (isopeptidase T) (Usp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Cleaves linear and branched multiubiquitin polymers with a marked preference for branched polymers. Involved in unanchored 'Lys-48'-linked polyubiquitin disassembly. Binds linear and 'Lys-63'-linked polyubiquitin with a lower affinity.
Molecular Mass	96.3 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.
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

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Gene Name	Usp5 ubiquitin specific peptidase 5 (isopeptidase T) [Mus musculus (house mouse)]
Official Symbol	Usp5
Synonyms	USP5; ubiquitin specific peptidase 5 (isopeptidase T); ubiquitin carboxyl-terminal hydrolase 5; isopeptidase T; ubiquitin thioesterase 5; deubiquitinating enzyme 5; ubiquitin thiolesterase 5; ubiquitin specific protease 5; ubiquitin carboxy terminal hydrolase T; ubiquitin-specific-processing protease 5; ISOT; Ucht; ISOT-1; AA407472
Gene ID	22225
mRNA Refseq	NM_013700
Protein Refseq	NP_038728
UniProt ID	P56399

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