

## Recombinant Mouse Otud6b Protein, Myc/DDK-tagged

Cat. No. Otud6b-4628M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length OTU domain containing 6B (Otud6b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Deubiquitinating enzyme that may play a role in the ubiquitin-dependent regulation of protein synthesis, downstream of mTORC1. May associate with the protein synthesis initiation complex and modify its ubiquitination to repress translation. May also repress DNA synthesis and modify different cellular targets thereby regulating cell growth and proliferation. May also play a role in proteasome assembly and function.
<b>Molecular Mass</b>	33.8 kDa
<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 after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Otud6b OTU domain containing 6B [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Otud6b
<b>Synonyms</b>	OTUD6B; OTU domain containing 6B; OTU domain-containing protein 6B; ortholog of human CGI-77; AU015433; 2600013N14Rik; MGC103361
<b>Gene ID</b>	72201
<b>mRNA Refseq</b>	NM_152812
<b>Protein Refseq</b>	NP_690025
<b>UniProt ID</b>	Q8K2H2

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