

Recombinant Mouse Otub2 Protein, Myc/DDK-tagged

Cat. No. Otub2-4625M Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Purified recombinant protein of mouse full-length OTU domain, ubiquitin aldehyde binding 2 (Otub2), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| Species | Mouse |
| Source | HEK293 |
| Description | Hydrolase that can remove conjugated ubiquitin from proteins in vitro and may therefore play an important regulatory role at the level of protein turnover by preventing degradation. Mediates deubiquitination of 'Lys-11'-, 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains, with a preference for 'Lys-63'-linked polyubiquitin chains. |
| Molecular Mass | 27.8 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. |

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GENE INFORMATION

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|------------------------|---|
| Gene Name | Otub2 OTU domain, ubiquitin aldehyde binding 2 [<i>Mus musculus</i> (house mouse)] |
| Official Symbol | Otub2 |
| Synonyms | OTUB2; OTU domain, ubiquitin aldehyde binding 2; ubiquitin thioesterase OTUB2; otubain-2; deubiquitinating enzyme OTUB2; ubiquitin-specific-processing protease OTUB2; OTU domain-containing ubiquitin aldehyde-binding protein 2; OTB2; OTU2; AI413508; AW557219; 2010015L18Rik; 4930586I02Rik |
| Gene ID | 68149 |
| mRNA Refseq | NM_026580 |
| Protein Refseq | NP_080856 |
| UniProt ID | Q9CQX0 |

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