

Recombinant Mouse Otud5 Protein, Myc/DDK-tagged

Cat. No. Otud5-4627M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length OTU domain containing 5 (Otud5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Deubiquitinating enzyme that functions as negative regulator of the innate immune system. Acts via TRAF3 deubiquitination and subsequent suppression of type I interferon (IFN) production. Has peptidase activity towards 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. Can also cleave 'Lys-11'-linked ubiquitin chains (in vitro).
Molecular Mass	60.8 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.

 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

GENE INFORMATION

Gene Name	Otud5 OTU domain containing 5 [Mus musculus (house mouse)]
Official Symbol	Otud5
Synonyms	Otud5; OTU domain containing 5; Dub; Sfc; DUBA; Sfc7; DXImx46; AA407879; AI553596; BB114028; DXImx46e; OTU domain-containing protein 5; deubiquinating enzyme A; deubiquitinating enzyme A; EC 3.4.19.12
Gene ID	54644
mRNA Refseq	NM_138604
Protein Refseq	NP_613070
UniProt ID	Q3U2S4

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