

OTUB2 recombinant protein

OTUB2, Active

CATALOG # AAA73778	HOST E Coli	APPLICATIONS Western Blot
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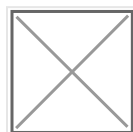
PRODUCT SYNONYMS

OTUB2; Active; C14orf137; OTB2; OTU2; OTUB2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for OTUB2 recombinant protein	WB (Western Blot), Activity Assay
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for OTUB2 recombinant protein	Recombinant human Ubiquitin thioesterase OTUB2 was expressed in E Coli cells using an N-terminal His tag. The OTUB2 gene accession number is NM_023112. OTUB2 (Otubain 2) is a deubiquinating cysteine proteases that is encoded by the OTUB2 gene and belongs to the ovarian tumor (OTU) protein superfamily. Like other DUBs, otubains cleave proteins precisely at the ubiquitin-protein bond to cleave conjugated ubiquitin from proteins, which may play a role in the regulation of protein turnover by inhibiting degradation (1). OTUB-2 mediated deubiquitination of TRAF3 and TRAF6 may be involved in the regulation of virus-triggered type I interferon (IFN)2 induction pathways (2).
Product Categories/Family for OTUB2 recombinant protein	DUBs; Cancer; Cardiovascular Disease; Cell Cycle; Cellular Stress; Invasion/Metastasis; Metabolic Disorder
References	1. Balakirev, M.Y. et al: Otubains: a new family of cysteine proteases in the ubiquitin pathway. EMBO Rep. 4, 5: 517-22, 2013. 2. Li, S. et al: Regulation of Virus-triggered Signaling by OTUB1-and OTUB2-mediated Deubiquitination of TRAF3 and TRAF6. The Journal of Biological Chemistry 285: 4291-4297, 2010.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_023112
Molecular Weight	30kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/otub2-recombinant-protein-e-coli-wb-western-blot-activity-assay/73778>