

OTUD7B recombinant protein

OTUD7B, Active

CATALOG # AAA73779	HOST Sf9 insect cells	APPLICATIONS Western Blot
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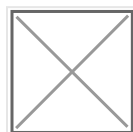
PRODUCT SYNONYMS

OTUD7B; Active; CEZANNE; ZA20D1; OTU deubiquitinase 7B; OTUD7B recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.25mM DTT, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for OTUD7B recombinant protein	WB (Western Blot), Activity Assay
Tag	GST
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 OTUD7B recombinant protein	Recombinant human OTUD7B (1-482) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_020205. OUTD7B is a deubiquitinylase that belongs A20 subgroup of ovarian tumor (OUT) protein superfamily. It plays an essential role in inflammation and proliferation pathways. (1) OTUD7B is involved in regulation of the non-canonical NF-κB pathway. (2) Studies suggest role of OUTD7B in cancer and has been shown to promote lung cancer cell proliferation and migration via Akt/VEGF signal pathway. Therefore, strategies to silence OTUD7B in carcinoma tissues may provide insights into developing therapies against lung adenocarcinoma and squamous carcinoma. (3)
Product Categories/Family for OTUD7B recombinant protein	DUBs; Cancer; Cardiovascular Disease; Cell Cycle; Cellular Stress; Invasion/Metastasis; Neurobiology

References

1. Cao L. et al. The N-terminal ubiquitin-associated domain of Cezanne is crucial for its function to suppress NF-kappaB pathway. J Cell Biochem. 119:1979-91 2018.
2. Hongbo H. et al. OTUD7B controls non-canonical NF-kappaB activation through deubiquitination of TRAF3. Nature. 494:371-374, 2013.
3. Dan-dan L. Upregulation of OTUD7B (Cezanne) promotes tumor progression via AKT/VEGF pathway in lung squamous carcinoma and adenocarcinoma. Frontiers in Oncology. 9:862, 2019.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_020205](#)

Molecular Weight

81kDa

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/otud7b-recombinant-protein-sf9-insect-cells-wb-western-blot-activity-assay/73779>