

Recombinant Human OTUD7B Protein (T2-F843), Tag Free

Cat. No. OTUD7B-0721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GG)-OTUD7B(T2-F843 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	T2-F843
Description	Negative regulator of the non-canonical NF-kappa-B pathway that acts by mediating deubiquitination of TRAF3, an inhibitor of the NF-kappa-B pathway, thereby acting as a negative regulator of B-cell responses. In response to non-canonical NF-kappa-B stimuli, deubiquitinates 'Lys-48'-linked polyubiquitin chains of TRAF3, preventing TRAF3 proteolysis and over-activation of non-canonical NF-kappa-B. Negatively regulates mucosal immunity against infections. Deubiquitinates ZAP70, and thereby regulates T cell receptor (TCR) signaling that leads to the activation of NF-kappa-B. Plays a role in T cell homeostasis and is required for normal T cell responses, including production of IFNG and IL2. Mediates deubiquitination of EGFR. Has deubiquitinating activity toward 'Lys-11', 'Lys-48' and 'Lys-63'-linked polyubiquitin chains. Has a much higher catalytic rate with 'Lys-11'-linked polyubiquitin chains (in vitro); however the physiological significance of these data are unsure. Hydrolyzes both linear and branched forms of polyubiquitin.
Form	Liquid

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Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	OTUD7B OTU domain containing 7B [Homo sapiens (human)]
Official Symbol	OTUD7B
Synonyms	OTUD7B; OTU domain containing 7B; ZA20D1, zinc finger, A20 domain containing 1; OTU domain-containing protein 7B; CEZANNE; zinc finger protein Cezanne; zinc finger, A20 domain containing 1; cellular zinc finger anti-NF-kappaB Cezanne; zinc finger A20 domain-containing protein 1; cellular zinc finger anti-NF-kappa-B protein; ZA20D1;
Gene ID	56957
mRNA Refseq	NM_020205
Protein Refseq	NP_064590

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MIM	611748
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UniProt ID	Q6GQQ9
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