

RP10158

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Recombinant human Ubiquitin thioesterase OTUB1 protein

Catalog No.: RP10158 **Recombinant**

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Human | 55611 | |

Tags

No Tag

Synonyms

Background

Deubiquitinating enzymes (DUBs) are proteases that possess the ability to cleave ubiquitin chains or the isopeptide bond that conjugates ubiquitin with a substrate. Human cells have approximately 100 DUBs that play important roles in regulating various cellular events. OTUB1 is a member of the ovarian tumor domain family. It is recognized as a K48 ubiquitin chain-specific DUB and can inhibit E2 enzymes, especially Ubc13 (also known as Ube2N), which is known to synthesize K63-linked ubiquitin chains. OTUB1 may also deubiquitinate TRAF3 and -6. This would negatively regulate virus-triggered type I IFN induction.

Basic Information

Product Information

| Source | Purification |
|----------------|--------------|
| <I>E. coli</I> | |

Endotoxin

Formulation

Supplied in 20 mM Tris, 150 mM NaCl, 2 mM BME, 10% Glycerol. Contact us for customized product form or formulation.

Reconstitution

Description

Bio-Activity

Storage

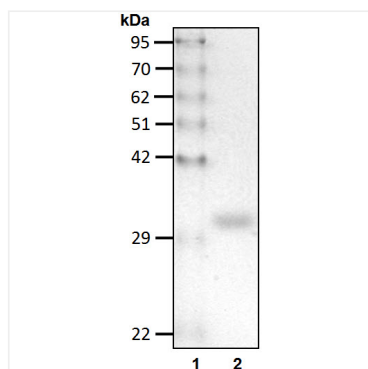
This product is stable at $\leq -70^{\circ}\text{C}$ for up to 6 months from the date of receipt.
For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.
Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant human OTUB1 Protein was determined by SDS-PAGE with Coomassie Blue.