

RP10109LQ

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Recombinant Human Ubiquitin thioesterase OTUB1 protein

Catalog No.: RP10109LQ

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
<I>E. coli</I>	55611	Q96FW1

Tags

GST Tag

Synonyms

OTUB1;HSPC263;OTB1;OTU1

Product Information

Source	Purification
<I>E. coli</I>	~95% by SDS-PAGE

Endotoxin

Formulation

20 mM Tris, 150 mM NaCl, 2 mM β ME, 10% Glycerol

Reconstitution

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

Description

Bio-Activity

Storage

Store at -70°C. This product is stable at $\leq -70^{\circ}\text{C}$ for up to 1 year from the date of receipt. For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature. Avoid repeated freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

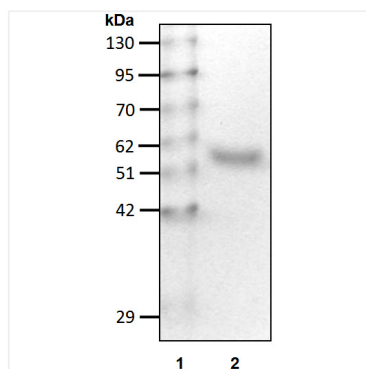
Contact



www.abclonal.com

* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



Recombinant human Ubiquitin thioesterase OTUB1 protein was determined by SDS-PAGE with Coomassie Blue.