

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 % as determined by SDS-PAGE.

Endotoxin
Please contact us for more information.

Formulation
20 mM Tris, 150 mM NaCl, 2 mM βME, 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

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

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

Storage

Store at -70°C. This product is stable at ≤ -70°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.

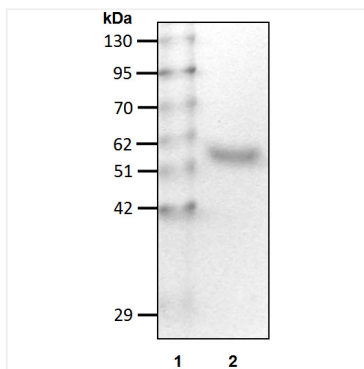
Contact



www.abclonal.com

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Validation Data



Recombinant Human Ubiquitin thioesterase OTUB1 protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.