

Recombinant Human Ubiquitin carboxyl-terminal hydrolase 4/USP4 protein

Catalog No.: RP10131LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	7375	Q13107

Tags

GST Tag

Synonyms

USP4; UNP; Unph; ubiquitin specific peptidase 4;UNP;Unph

Product Information

Source

E. coli

Purification

~ 75% by SDS-PAGE, see datasheet for gel image

Endotoxin

Formulation

20 mM Tris, 150 mM NaCl, 2 mM βME, 10% Glycerol

Reconstitution

Background

Usp4 is a member of the ubiquitin-specific protease family of deubiquitinating enzyme. A number of substrates of Usp4 have been identified, including TRIM21, TRAF2, TRAF6, RIG-1, RIP1, PDK1, TAK1 and etc. Usp4-mediated deubiquitination was found to regulate several signaling pathways, including the AKT signaling, RIG-1-mediated antiviral response, TNFα-induced signaling, and the Wnt signaling.

Basic Information

Description

Bio-Activity

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.

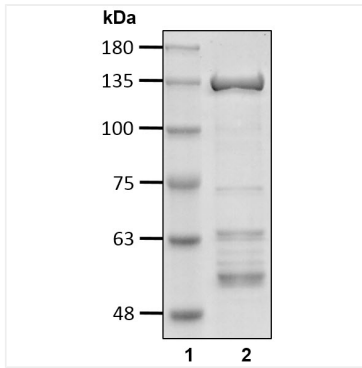
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Validation Data



Recombinant human Ubiquitin carboxyl-terminal hydrolase 4/USP4 protein was determined by SDS-PAGE with Coomassie Blue.