Recombinant Human USP2 Protein

Catalog No.: RP03576LQ

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Sequence Information

Species
Human

Gene ID
9099

Swiss Prot
O75604

Tags
No-Tag

Synonyms
Ubiquitin carboxyl-terminal hydrolase 2,USP2,UBP41

Product Information

Source
E. coli

Purification
≥ 90 % as determined by SDS-PAGE.

Calculated MW
38-40 kDa

Observed MW
38-40 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as 0.22μm filtered solution in 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol.

Reconstitution

Background

This protein is a ubiquitin-specific protease which is required for TNF-alpha (tumor necrosis factor alpha) -induced NF-kB (nuclear factor kB) signaling. This protein deubiquitinates polyubiquitinated target proteins such as fatty acid synthase, murine double minute 2 (MDM2), MDM4/MDMX and cyclin D1. MDM2 and MDM4 are negative regulators of the p53 tumor suppressor and cyclin D1 is required for cell cycle G1/S transition. Multiple alternatively spliced transcript variants encoding different isoforms have been identified.

Basic Information

Description
Recombinant Human USP2 Protein is produced by E. coli cells expression system. The target protein is expressed with sequence (Asn259-Met605) of Human USP2 (Accession #O75604) fused with No tag.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

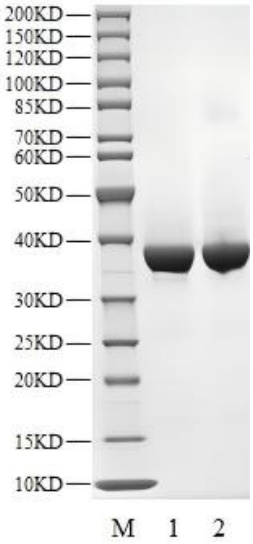
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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Validation Data



Recombinant Human USP2 Protein was determined by SDS-PAGE under reducing (R) and non-reducing (NR) conditions.

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