

Recombinant Human USP2

Catalog No: #GP11129



Package Size: #GP11129-1 100ug

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Description

Product Name	Recombinant Human USP2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from C terminal 250 amino acids of human ubiquitin specific peptidase 2
Target Name	ubiquitin specific peptidase 2
Other Names	USP9; UBP41
Accession No.	Swissprot:O75604Gene Accession:BC002854
Uniprot	O75604
GenID	9099;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of the family of de-ubiquitinating enzymes, which belongs to the peptidase C19 superfamily. The encoded 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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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