

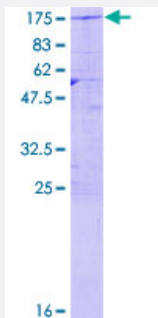
Full-Length

USP20 (Human) Recombinant Protein (P01)

Catalog # H00010868-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human USP20 full-length ORF (NP_001008563.1, 1 a.a. - 913 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGDSRDLCPHLDSIGEVTKEDLLLKSKGTCQSCGVTGPNLWACLQVACPYVGCGESFADHSTIH
AQAKKHNLTVNLTTFRLWCYACEKEVFLEQRLAAPLLGSSSKFSEQDSPPPSHPLKAVPIA
VADEGESESEDDDLKPRGLTGMKNLGNSCYMNAALQALSNCPLTQFFLECGGLVRTDKK
PALCKSYQKLVSSEVWHKKRPSYVPTSLSHGIKLVNPMFRGYAQQDTQEFRLCLMDQL
HEELKEPVVATVALTEARDSDSSTDEKREGDRSPSEDEFSLCDSSSDRGEQDGGQGRGGG
SSQAETELLIPDEAGRAISEKERMKDRKFSWGQQRTNSEQVDEADADVTAMAAALDQPAE
AQPPSPRSSSPCRTPEPDNDAHLRSSSRPCSPVHHHEGHAKLSSSPPRASPV
RMAPSYVLKKAQVLSAGSRRRKEQRYRSVISDIFDGSILSLVQCLTCDRVSTTVET
FQDLSLPIPGKEDLAKLHSAIQNVPAKPGACGDSYAAQGWLAFIVEYIRRFVVSCTPS
WFWGPPVTLEDCLAFFAADELKGDNMYSERCKKLRNGVKYCKVLRPEILCIHLKRFR
HEVMYSFKINSHVSFPLEGLDLRPFLAKECTSQITTYDLLSVICHHGTAGSGHYI
AYCQNVINGQWYEFDDQYVTEVHETVVQNAEGYVLFYRKSSEAMRERQQVVS
LAAMREPSLLRFYVSREWLNKFNFTFAEPGPITNQTFCLSHGGIPPHKYHYIDDLV
VILPQNVWEHLNRFGGGPAVNHLYVCSICQVEIEALAKRRRIEDTFIKLNKAFQAE
ESPGVIYCISMQWFREWEAFVKGKDNEPPGPIDNSRIAQVKGSGHVQLKQGADY
GQISEETWTYLNLSLYGGGPEIAIRQSV AQPLGPENLHGEQKIEAETRAV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

128.3

Interspecies Antigen Sequence

Mouse (92); Rat (92)

Preparation Method[in vitro wheat germ expression system](#)**Purification**

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — USP20

Entrez GeneID[10868](#)**GeneBank Accession#**[NM_001008563.1](#)**Protein Accession#**[NP_001008563.1](#)**Gene Name**

USP20

Gene Alias

KIAA1003, LSFR3A, VDU2

Gene Description

ubiquitin specific peptidase 20

Gene Ontology[Hyperlink](#)**Other Designations**OTTHUMP00000022346|OTTHUMP00000022347|OTTHUMP00000022348|pVHL-interacting d
eubiquitinating enzyme 2|ubiquitin specific protease 20

Publication Reference

- [The Deubiquitinating Enzyme USP20 Regulates ERK3 Stability and Biological Activity.](#)

Mathien S, Délérès P, Soulez M, Voisin L, Meloche S.

Molecular and Cellular Biology 2017 Apr; 37(9).

Application: PI, WB, Human, HEK 293T cells

- [Ubiquitin-specific Peptidase 20 Regulates Rad17 Stability, Checkpoint Kinase 1 Phosphorylation and DNA Repair by Homologous Recombination.](#)

Shanmugam I, Abbas M, Ayoub F, Mirabal S, Bsaili M, Caulder EK, Weinstock DM, Tomkinson AE, Hromas R, Shaheen M.

The Journal of Biological Chemistry 2014 Aug; 289(33):22739.

Application: Func, Human, HEK 293 cells

Disease

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- [Genetic Predisposition to Disease](#)
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