

Recombinant Active Human USP12 Protein, GST-tagged

Cat. No. USP12-79H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human full-length USP12 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Insect Cells
Description	Deubiquitinating enzyme. Has almost no deubiquitinating activity by itself and requires the interaction with WDR20 and WDR48 to have a high activity.
Molecular Mass	Approx 68 kDa
Purity	> 85%
Stability	One year at -70 centigrade from data of shipment.
Storage	Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.05 µg/µL
Storage Buffer	Recombinant protein stored in 50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 10 mM glutathione, 0.1 mM EDTA, 0.25 mM DTT, 25% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping Dry ice

GENE INFORMATION

Gene Name USP12 ubiquitin specific peptidase 12 [Homo sapiens (human)]

Official Symbol USP12

Synonyms USP12; ubiquitin specific peptidase 12; UBH1; USP12L1; ubiquitin carboxyl-terminal hydrolase 12; deubiquitinating enzyme 12; ubiquitin specific protease 12 like 1; ubiquitin thioesterase 12; ubiquitin thiolesterase 12; ubiquitin-hydrolyzing enzyme 1; ubiquitin-specific-processing protease 12; EC 3.4.19.12

Gene ID 219333

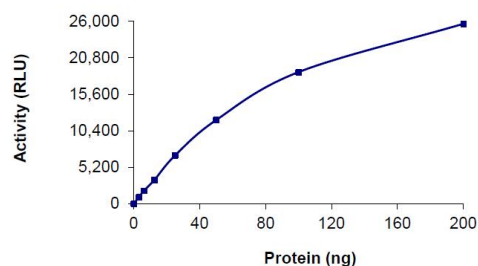
mRNA Refseq NM_182488

Protein Refseq NP_872294

MIM 603091

UniProt ID O75317

Specific Activity



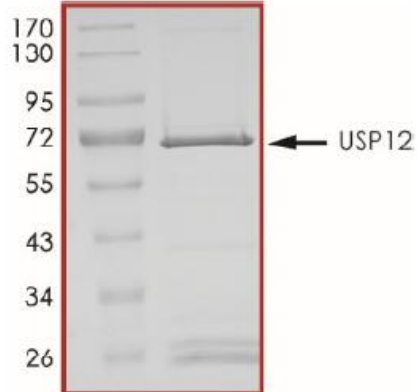
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The specific activity of USP12 was determined to be 1.7 nmol/min/mg as per activity assay protocol.

Purity



The purity of USP12 was determined to be >85 % by densitometry.

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