Recombinant Active Human USP12 Protein, GST-tagged

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

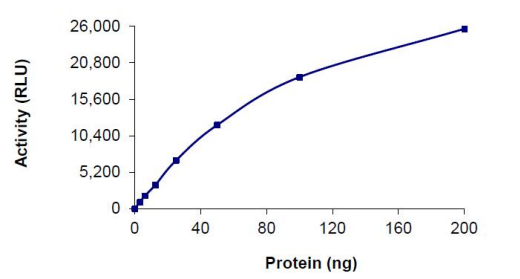
SPECIFICATION

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.

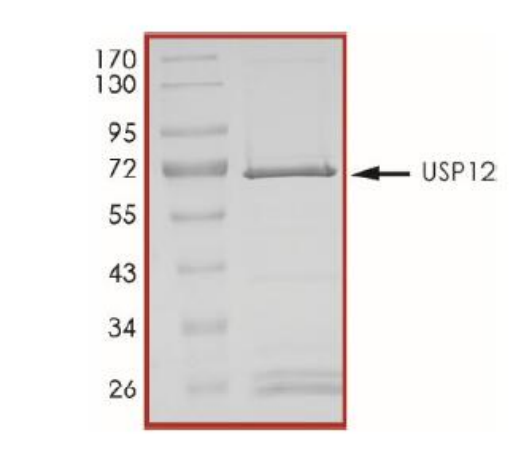
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Shipping	Dry ice

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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