

Recombinant Human USP25 Protein (Leu171-Arg451), His tagged

Cat. No. USP25-3499H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human USP25 (Leu171-Arg451) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu171-Arg451
Description	Deubiquitinating enzyme that hydrolyzes ubiquitin moieties conjugated to substrates and thus, functions to process newly synthesized Ubiquitin, to recycle ubiquitin molecules or to edit polyubiquitin chains and prevents proteasomal degradation of substrates. Hydrolyzes both' Lys-48'-and' Lys-63'-linked tetraubiquitin chains. The muscle-specific isoform (USP25m) may have a role in the regulation of muscular differentiation and function.
Molecular Mass	33.76 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	USP25 ubiquitin specific peptidase 25 [Homo sapiens (human)]
Official Symbol	USP25
Synonyms	USP25; ubiquitin specific peptidase 25; ubiquitin specific protease 25; ubiquitin carboxyl-terminal hydrolase 25; USP21; USP on chromosome 21; ubiquitin thioesterase 25; deubiquitinating enzyme 25; ubiquitin thiolesterase 25; ubiquitin-specific processing protease 25; ubiquitin-specific-processing protease 25;
Gene ID	29761
mRNA Refseq	NM_013396
Protein Refseq	NP_037528
MIM	604736
UniProt ID	Q9UHP3

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