Recombinant Human USP5 protein, His-tagged

Cat. No. USP5-1182H **Lot. No.** (See product label)

SPECIFICATION

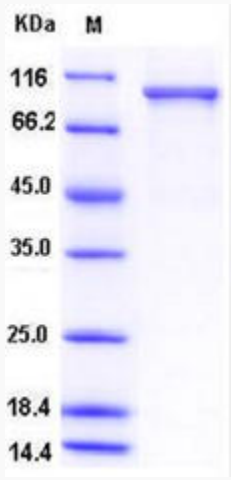
Product Overview	Recombinant Human USP5 protein(P45974-2) (Met 1-Ser 835) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-835 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 7.4.
Molecular Mass	The recombinant human USP5 consists of 846 amino acids and predicts a molecular mass of 94.7 kDa. It migrates as an approximately 100 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	USP5 ubiquitin specific peptidase 5 (isopeptidase T) [Homo sapiens]
Official Symbol	USP5
Synonyms	USP5; ubiquitin specific peptidase 5 (isopeptidase T); ubiquitin specific protease 5 (isopeptidase T); ubiquitin carboxyl-terminal hydrolase 5; IsoT; isopeptidase T; ubiquitin isopeptidase T; ubiquitin thioesterase 5; deubiquitinating enzyme 5; ubiquitin thiolesterase 5; ubiquitin-specific-processing protease 5; ubiquitin-specific protease-5 (ubiquitin isopeptidase T); ISOT;
Gene ID	8078
mRNA Refseq	NM_001098536
Protein Refseq	NP_001092006
MIM	601447
UniProt ID	P45974

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SDS-PAGE	

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