

Recombinant Human USP30, SUMO tagged

Cat. No. USP30-8654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human USP30 (Thr48-Glu508), fused with the SUMO tag at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	48-508 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glyNormally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human USP30 consists of 580 amino acids and predicts a molecular mass of 66.3 KDa. The apparent molecular mass of the protein is approximately 87 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name USP30 ubiquitin specific peptidase 30 [Homo sapiens]

Official Symbol USP30

Gene ID 84749

mRNA Refseq NM_032663

Protein Refseq NP_116052

MIM 612492

UniProt ID Q70CQ3

Chromosome Location 12q23.3

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