

Active Recombinant Human USP10 Protein, GST-tagged

Cat. No. USP10-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human USP10 (154-798) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Insect Cells
ProteinLength	154-798 a.a.
Description	Ubiquitin is a highly conserved protein that is covalently linked to other proteins to regulate their function and degradation. This gene encodes a member of the ubiquitin-specific protease family of cysteine proteases. The enzyme specifically cleaves ubiquitin from ubiquitin-conjugated protein substrates. The protein is found in the nucleus and cytoplasm. It functions as a co-factor of the DNA-bound androgen receptor complex, and is inhibited by a protein in the Ras-GTPase pathway. The human genome contains several pseudogenes similar to this gene. Several transcript variants, some protein-coding and others not protein-coding, have been found for this gene.
Molecular Mass	125 kDa
Purity	>90%
Stability	One year at -70 centigrade from date of shipment.

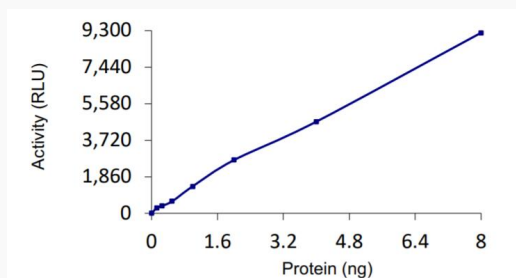
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

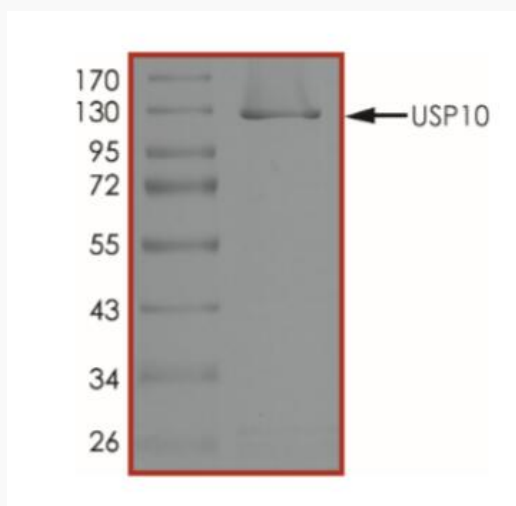
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 µg/µL
Storage Buffer	50 mM Tris-HCl, pH7.5, 150 mM NaCl, 10 mM glutathione, 0.25 mM DTT, 0,1 mM EDTA, 0.2 mM PMSF, 25% glycerol.
GENE INFORMATION	
Gene Name	USP10 ubiquitin specific peptidase 10 [Homo sapiens (human)]
Official Symbol	USP10
Synonyms	USP10; ubiquitin specific peptidase 10; UBPO; ubiquitin carboxyl-terminal hydrolase 10; deubiquitinating enzyme 10; ubiquitin specific protease 10; ubiquitin thioesterase 10; ubiquitin thiolesterase 10; ubiquitin-specific-processing protease 10; EC 3.4.19.12
Gene ID	9100
mRNA Refseq	NM_005153
Protein Refseq	NP_005144
MIM	609818
UniProt ID	Q14694

Activity



8 nmol/min/mg

Purity



>90%