

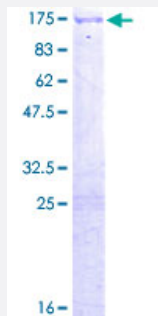
Full-Length

USP10 (Human) Recombinant Protein (P01)

Catalog # H00009100-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human USP10 full-length ORF (AAH00263.1, 1 a.a. - 798 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MALHSPQYIFGDFSPDEFNQFFVTPRSSVELPPYSGTVLCGTQAVDKLPDGQEYQRIEFGVDEVI
EPSDLPRTPSYSSISSTLNPQAPFILGCTASKITPDGITKEASYGSIDCQYPGSALALDGSSNVEAE
VLENDGVSGGLGQREKRRKKKKRPPGYSYLKDGDDSSISTEALVNGHANSVPNSVSAEDAEF
MGDMPPPLTPRTCNSPQNSTDVSDIVPDSFPFGALGSDTRTAGQPEGPGADFGQSCFPAEA
GRDLSRTAGAQPCVGTDTTENLGVANGQILESSGEGTATNGVELHTTESIDLDPKPEASPPA
DGTGSASGTLPVSQPKSWASLFHDSKPSSSSPVAYVETKYSPPAISPLVSEKQVEVKEGLVPVS
EDPVAIKIAELLENVTLIHKPVSLQPRGLINKGNWCYNATLQALVACPPMYHLMKFIPLYSKVQRPC
TSTPMIDSFVRLMNEFTNMPVPPKPRQALGDKIVRDIRPGAAFEPTYRLLTVNKSSLSEKGRQE
DAEEYLGFIENGLHEEMLNLKKLLSPSNEKLTISNGPKNHSVNEEEQEEQGESEDEWEQVGPR
NKTSVTRQADFVQTPITGIFGGHIRSVVYQQSSKESATLQPFPTLQLDIQSDKIRTVQDALESLVAR
ESVQGYTTKTKQEVEISRRVTLEKLPPVLVLHLKRFVYEKTGGCQKLIKIEYPVDLEISKELLSPGV
KNKNFKCHRTYRLFVAVYHHGNSATGGHYTTDFVQIGLNGWLRIDDQTVKVINQYQVVKPTAERTA
YLLYYRRVDLL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

113.6

Interspecies Antigen Sequence

Mouse (82); Rat (83)

Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — USP10

Entrez GeneID	9100
GeneBank Accession#	BC000263.1
Protein Accession#	AAH00263.1
Gene Name	USP10
Gene Alias	KIAA0190, MGC2621, UBPO
Gene Description	ubiquitin specific peptidase 10
Omim ID	609818
Gene Ontology	Hyperlink

Gene Summary

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 proteins 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. [provided by RefSeq]

Other Designations

ubiquitin carboxyl-terminal hydrolase 10|ubiquitin specific protease 10|ubiquitin thioesterase 10

Disease

- [Tobacco Use Disorder](#)