

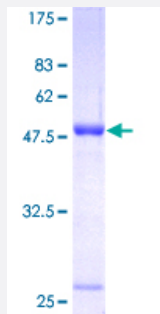
Full-Length

UCHL1 (Human) Recombinant Protein (P01)

Catalog # H00007345-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human UCHL1 full-length ORF (AAH00332, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MQLKPMEINPEMLNKVLSRLGVAGQWRFVDVLGLEEESLGSPAPACALLLLFPLTAQHENFRK KQIEELKGQEVSPKVYFMKQTIGNSCGTIGLIHAVANNQDKLGFEDGSVLKQFLSETEKMSPEDRA KCFEKNEAIQAAHDAVAQEGQCRVDDKVNHFHILFNNVDGHLIELDGRMPFPVNHGASSEDLL KDAAKVCREFTEREQGEVRFSAVALCKAA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	50.27
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 — UCHL1

Entrez GeneID	7345
GeneBank Accession#	BC000332
Protein Accession#	AAH00332
Gene Name	UCHL1
Gene Alias	PARK5, PGP9.5, Uch-L1
Gene Description	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
Omim ID	168600 191342
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease
Other Designations	ubiquitin C-terminal esterase L1 ubiquitin carboxyl-terminal esterase L1 ubiquitin thiolesterase L1

Disease

- [Alzheimer disease](#)
- [Genetic Predisposition to Disease](#)
- [Huntington disease](#)
- [Movement Disorders](#)

- [Multiple System Atrophy](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)