

Recombinant Human UCHL1 protein, T7/His-tagged

Cat. No. UCHL1-227H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UCHL1 cDNA (1 – 220 aa, derived from BC005117) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-220 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Sucrose.
AA Sequence	MASMTGGQQMGRGHHHHHHENLYFQGGEFQLKPMEINPEMLNKVLSRLGVAGQ WRFVDVLGLEEESLGSPAPAC ALLLLFPLTAQHENFRKKQIEELKGQEVSPKVYF MKQTIGNSCGTIGLIHAVANNQDKLGFEDGSVLKQFLSETE KMSPEDRAKCFEKNE AIQAAHDAVAQEGQCRVDDKVNHFHILFNNVDGHL YELDGRMPFPVNHGASSEDTL LKDA AKVCREFTEREQGEVRFSAVALC
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

GENE INFORMATION

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Gene Name	UCHL1 ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) [Homo sapiens]
Official Symbol	UCHL1
Synonyms	UCHL1; ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase); PARK5; ubiquitin carboxyl-terminal hydrolase isozyme L1; PGP9.5; Uch L1; ubiquitin thioesterase L1; neuron cytoplasmic protein 9.5; ubiquitin C-terminal hydrolase; PGP95; Uch-L1; PGP 9.5;
Gene ID	7345
mRNA Refseq	NM_004181
Protein Refseq	NP_004172
MIM	191342
UniProt ID	P09936
Chromosome Location	4p13
Pathway	Alpha-synuclein signaling, organism-specific biosystem; Parkinsons disease, organism-specific biosystem;
Function	alpha-2A adrenergic receptor binding; cysteine-type endopeptidase activity; ligase activity; omega peptidase activity; peptidase activity; protein binding; ubiquitin binding; ubiquitin thiolesterase activity;

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