Recombinant Human UCHL1 protein, His-tagged

Cat. No. UCHL1-392H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UCHL1(amino acid residues 1-223) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-223 a.a.
Form	50 mM HEPES pH 7.5, 150 mM sodium chloride, 2 mM dithiothreitol, 10% glycerol
Molecular Mass	~27 kDa
AA Sequence	MGSSHHHHHHSSGLEVLFQGPG SMQLKPMEINPEMLNKVLSRLGVAGQWRFVDV LGLEEESLGSVPAPACALLLLFPLTAQHENFRKKQIEELKGQEVSPKVYFMKQTIGNS CGTIGLIHAVANNQDKLGFEDGSVLKQFLSETEKMSPEDRAKCFEKNEAIQAAHDAV AQEGQCRVDDKVNFHFILFNNVDGHLYELDGRMPFPVNHGASSEDTLLKDAAKVCR EFTEREQGEVRFSAVALCKAA
Stability	12 months at -70 centigrade; aliquot as required
Storage	Store at -70 centigrade
Concentration	0.5 mg/ml

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

GENE INFORMATION

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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