Recombinant Full Length Human UCHL1 Protein, C-Flag-tagged

Cat. No. UCHL1-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human UCHL1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	24.6 kDa
AA Sequence	MQLKPMEINPEMLNKVLSRLGVAGQWRFVDVLGLEEESLGSVPAPACALLLLFPLTA QHENFRKKQIEEL KGQEVSPKVYFMKQTIGNSCGTIGLIHAVANNQDKLGFEDGSVL KQFLSETEKMSPEDRAKCFEKNEAIQ AAHDAVAQEGQCRVDDKVNFHFILFNNVDG HLYELDGRMPFPVNHGASSEDTLLKDAAKVCREFTEREQGEVRFSAVALCKAATRT RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

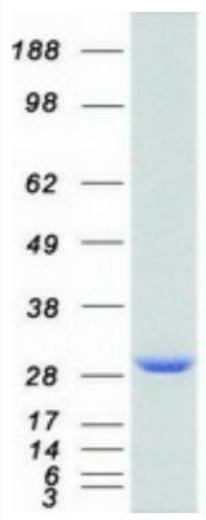
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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Protease
Protein Pathways	Parkinson's disease
Full Length	Full L.

GENE INFORMATION

Gene Name	UCHL1 ubiquitin C-terminal hydrolase L1 [Homo sapiens (human)]
Official Symbol	UCHL1
Synonyms	HEL-117; HEL-S-53; NDGOA; PARK5; PGP 9.5; PGP9.5; PGP95; SPG79; Uch-L1
Gene ID	7345
mRNA Refseq	NM_004181.5
Protein Refseq	NP_004172
MIM	191342

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UniProt ID	P09936
Coomassie blue staining of purified UCHL1 protein.	 The protein was produced from HEK293T cells transfected with UCHL1 cDNA clone using MegaTran 2.0.

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