

## Product datasheet for PH301803

### PGP9.5 (UCHL1) (NM\_004181) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	UCHL1 MS Standard C13 and N15-labeled recombinant protein (NP_004172)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201803
Predicted MW:	24.8 kDa
Protein Sequence:	>RC201803 protein sequence Red=Cloning site Green=Tags(s)  MQLKPMEINPEMLNKVLSRLGVAGQWRFVDVLGLEEESLGSVPAPACALLLLFPLTAQHENFRKKQIEEL KGQEVSPKVYFMKQTIGNSCGTIGLIHAVANNQDKLGFEDGSVLKQFLSETEKMSPEDRAKCFEKNEAIQ AAHDAVAQEGQCRVDDKVNHFHILFNNVDGHLYELDGRMPFPVNHGASSEDLLKDAAKVCREFTEREQG EVRFSAVALCKAA  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	50 ug/ml as determined by BCA
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	100 mM glycine, 25 mM Tris-HCl, pH 7.3. Store at -80°C. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_004172</a></u>
RefSeq Size:	1141
RefSeq ORF:	669
Synonyms:	HEL-117; HEL-S-53; NDGOA; PARK5; PGP 9.5; PGP9.5; PGP95; SPG79; Uch-L1
Locus ID:	7345
Cytogenetics:	4p13



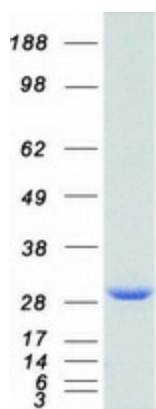
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**Summary:** The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.[provided by RefSeq, Sep 2009]

**Protein Families:** Druggable Genome, Protease

**Protein Pathways:** Parkinson's disease

**Product images:**



Coomassie blue staining of purified UCHL1 protein (Cat# [TP301803]). The protein was produced from HEK293T cells transfected with UCHL1 cDNA clone (Cat# [RC201803]) using MegaTran 2.0 (Cat# [TT210002]).