

Product datasheet for **TP720165L**

PGP9.5 (UCHL1) (NM_004181) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase) (UCHL1) |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | Met1-Ala223 |
| Tag: | C-His |
| Predicted MW: | 25.9 kDa |
| Concentration: | lot specific |
| Purity: | >95% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| Endotoxin: | < 0.1 EU per µg protein as determined by LAL test |
| Storage: | Store at -80°C. |
| Stability: | Stable for at least 3 months from date of receipt under proper storage and handling conditions. |
| RefSeq: | NP_004172 |
| Locus ID: | 7345 |
| UniProt ID: | P09936 , V9HW74 |
| Cytogenetics: | 4p13 |
| Synonyms: | HEL-117; HEL-S-53; NDGOA; PARK5; PGP 9.5; PGP9.5; PGP95; SPG79; Uch-L1 |
| 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 |



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Protein Pathways: Parkinson's disease

Product images:

