

Ubiquitin Carboxyl-Terminal Hydrolase L1 Human Recombinant

Item Number	rAP-5040
Synonyms	Ubiquitin carboxyl-terminal hydrolase isozyme L1, UCH-L1, EC 3.4.19.12, Ubiquitin thioesterase L1, Neuron cytoplasmic protein 9.5, PGP 9.5, UCHL1, PGP9.5, PARK5.
Description	UCHL1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 223 amino acids (1-223 a.a.) and having a molecular mass of 24.8 kDa (molecular weight on SDS-PAGE will appear higher).
Uniprot Accession Number	P09936
Amino Acid Sequence	MLKPMIEINP EMLNKVLSRL GVAGQWRFVD VLGLEEEESLG SVPAPACALL LFFPLTAQHE NFRKKQI-EEL KGQEVSPKVY FMKQTIGNSC GTIGLIHAVA NNQDKLGFED GSVLKQFLSE TEKMSPEDRA KCFEKNEAIQ AAHDAVAQEG QCRVDDKVN FHFILFNNVDG HLYELDGRMP FPNHVGASSE DTLKDAAKV CREFTEREQG EVRFSVAVALC KAA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The UCHL1 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 2mM EDTA. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Specific activity: > 300 pmole/min/ug. Measured by the hydrolysis of Ubiquitin-AMC at pH 8.0, at 37C.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**