

Ubiquitin Carboxyl-Terminal Esterase L1 Mouse Recombinant, Active

Item Number	rAP-5038
Synonyms	Ubiquitin carboxyl-terminal hydrolase isozyme L1, UCH-L1, Neuron cytoplasmic protein 9.5, PGP 9.5, PGP9.5, Ubiquitin thioesterase L1.
Description	UCHL1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 246 amino acids (1-223 a.a) and having a molecular mass of 27.2kDa. UCHL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic
Uniprot Accesion Number	Q9R0P9
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMQLKPME INPEMLNKVL AKLGVAGQWR FADVLGLEEE TLGSVP- SPAC ALLLLFPLTA QHENFRKKQI EELKGQEVSP KVYFMKQTIG NSCGTIGLIH AVANNQDKLE FEDGSVLKQF LSETEKLSPE DRAKCFEKNE AIQAAHDSVA QEGQCRVDDK VNFHFIILFNN VDGHLYELDG RMPFPVNHGA SSEDSSLQDA AKVCREFTER EQGEVRFSAV ALCKAA.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	UCHL1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Specific activity is > 70 pmol/min/ug, and is defined as the amount of enzyme that hydrolysis 1.0 pmole of ubiquitin-AMC per minute at pH 7.5, at 37°C.
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**