

## DATA SHEET

## Ubiquitin Carboxyl-Terminal Esterase L3 Mouse Recombinant

Item Number	rAP-2106
Synonyms	Ubiquitin carboxyl-terminal hydrolase isozyme L3, UCH-L3, UCHL3, Ubiquitin Carboxyl-Terminal Esterase L3, Ubiquitin thioesterase L3, Uchl3, Ubiquitin carboxyl-terminal esterase L3.
Description	UCHL3 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 238 amino acids (1-230) and having a molecular mass of 27.2kDa (Molecular size on SDS- PAGE will appear at approximately 28-40kDa).UCHL3 is fused to 8 amino acid His-Tag at C-terminus and
Uniprot Accesion Number	Q9JKB1
Amino Acid Sequence	MEGQRWLPLE ANPEVTNQFL KQLGLHPNWQ FVDVYGMEPE LLSMVPRPVC AVLLLFPITE KYEVFR- TEEE EKIKSQGQDV TSSVYFMKQT ISNACGTIGL IHAIANNKDK MHFESGSTLK KFLEESVSMS PEERAKFLEN YDAIRVTHET SAHEGQTEAP SIDEKVDLHF IALVHVDGHL YELDGRKPFP INHGKTSDET LLEDAIEVCK KFMERDPDEL RFNAIALSAA LEHHHHHH.
Source	Sf9, Baculovirus cells.
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	UCHL3 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Specific activity is > 9,000 pmol/min/mg, 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