

Ubiquitin Carboxyl-Terminal Esterase L3 Human Recombinant

Item Number	rAP-2069
Synonyms	Ubiquitin Carboxyl-Terminal Esterase L3 (ubiquitin thiolesterase), UCH-L3, Ubiquitin Carboxyl-Terminal Hydrolase Isozyme L3, EC 3.4.19.12.
Description	UCHL3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 250 amino acids (1-230a.a.) and having a molecular mass of 28.3kDa.UCHL3 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P15374
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MEGQRWLPLE ANPEVTNQFL KQLGLHPNWQ FVDVYGM DPE LLS- MVP RPVC AVLLLPITE KYEVFRTEEE EKI KSQGDV TSSVYFMKQT ISNACGTIGL IHA IANNKDK MHFESGSLK KFLEESVSMS PEERARYLEN YDAIRVTHET SAHEGQTEAP SIDEKVDLHF IALVHVDGHL YELDGRKPPF INHGETSDET LLEDAIEVCK KFMERDPDEL RFNAIALSAA
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). Please avoid freeze thaw cycles.
Formulation and Purity	The UCHL3 protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0)1mM DTT and 10% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	Specific activity: >3,000 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**