

UCHL3, 1-230aa, Human, His tag, E.coli

Cat.NO.: TP04410

3th Edition

Synonyms:Ubiquitin carboxyl-terminal hydrolase isozyme L3, UCH-L3, Ubiquitin thioesterase L3

Description:Ubiquitin carboxyl-terminal hydrolase isozyme L3, also known as UCHL3, is a member of a gene family whose products hydrolyze small C-terminal adducts of ubiquitin to generate the ubiquitin monomer. UCHL3 play a role in the regulation of neuronal development and spermatogenesis and have been implicated in neurodegenerative diseases. UCHL3 protein is 54% identical to that of UCHL1. Recombinant human UCHL3 protot, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol

Molecular Weight:28.3kDa (250aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMEGQRWLPLEANPEVTNQFLKQLGLHPNWQFVDVYGMDPELLSMVPRPVCAVL
LLFPITEKEYEVFRTEEEEKIKSQGQDVTSSVYFMKQTISNACGTIGLIHAIANNKDKMHFESGSTLKKFLEESVSMSPE
ERARYLENYDAIRVTHETSAHEGQTEAPSIDEKVDLHFIALVHVDGHLVELDGRKPPINHGGETSDETLLEDAIEVCK
KFMERDPDELRFNAIALSAA

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.