

**Uchl3, 1-230aa, Mouse, His tag, Baculovirus (Bioactivity Validated)**

**Cat.NO.: TP04411**

3th Edition

**Synonyms:**Ubiquitin carboxyl-terminal hydrolase isozyme L3, Uchl3, Ubiquitin carboxyl-terminal esterase L3, Ubiquitin thioesterase L3, Ubiquitin thiolesterase, Ubiquitin thiolesterase L3, UCH L3, UCH-L3, UCHL3, UCHL3\_HUMAN.

**Description:**Uchl3, as known as ubiquitin carboxyl-terminal hydrolase isozyme L3, is a member of the peptidase C12 family of deubiquitinating enzymes. It is widely expressed with the highest levels being observed in heart, testis, thymus and striated muscle. This protein is suggested to function in the central nervous system. In particular, it is involved in the maintenance of neurons of the gracile tract, nucleus tractus, solitarius, and area postrema, and in working memory. Recombinant mouse Uchl3, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**Molecular Weight:**27.2 kDa (238aa), 28-40kDa (SDS-PAGE under reducing conditions)

**Sequences:**

MEGQRWLPLEANPEVTNQFLKQLGLHPNWQFVDVYGMPELLSMVPRPVCAVLLLPITEKYEVFRTEEEEKIKSQ  
GQDVTSSVYFMKQTISNACGTIGLIHAIANNKDKMHFESGSTLKKFLEESVSMSP EERAKFLENYDAIRVTHETSAHE  
GQTEAPSIDEKVDLHFIALVHVDGHL YELDGRKPFPI NHGKTSDETLLEDAIEVCKKFMERDPDELRFNAIALSAALE  
HHHHHH

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Absorbance at 280nm)

**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.