

**Uchl1, 1-223aa , Mouse, His tag, E.coli**

**Cat.NO.: TP04408**

3th Edition

**Synonyms:**Ubiquitin carboxyl-terminal hydrolase isozyme L1, AW822034, C88048, gad, PGP 9.5, PGP9.5, R75593, UCH-L1, UCHL-1

**Description:**Uchl1 also known as Ubiquitin carboxyl-terminal hydrolase isozyme L1 is a member of a gene family whose products hydrolyze small C-terminal adducts of ubiquitin to generate the ubiquitin monomer. UCHL1 is a component of the ubiquitin system, which has a fundamental role in regulating various biological activities. Recombinant mouse Uchl1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In Phosphate buffered saline containing 10% glycerol, 1mM DTT

**Molecular Weight:**27.2kDa (246aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMQLKPMENPEMLNKVLAKLGVAGQWRFADVLGLEEETLGSVPSPACALLL  
LFPLTAQHENFRKKQIEELKGQEVSPKVYFMKQTIGNSCGTIGLIHAVANNQDKLEFEDGSVLKQFLSETEKLSPED  
RAKCFEKNEAIQAAHDSVAQEGQCRVDDKVNHFHILFNNVDGHLIELDGRMPFPVNHGASSEDSLLQDAAKVCRE  
FTEREQGEVRFSAVALCKAA

**Purity:**> 95% by HPLC

**Concentration:**1mg/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.