Active Recombinant Mouse Uchl1 protein(Gln2-Ala223), His-tagged

Cat. No. Uchl1-20M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse UCHL1 (Q9R0P9) (Gln 2-Ala 223) was expressed in E. coli, with a polyhistide tag at the N-terminus.
Species	Mouse
Source	E.coli
ProteinLength	Gln2-Ala223
Form	Lyophilized from sterile 50mM Tris, 150mM NaCl, 20% glycerol, pH 7.7 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by the hydrolysis of UbiquitinAMC. The specific activity is >100 pmoles/min/μg.
Molecular Mass	The recombinant mouse UCHL1 consisting of 233 amino acids and has a calculated molecular mass of 26.2 kDa. rm UCHL1 migrates as an approximately 29 kDa band in SDS-PAGE under reducing conditions.
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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	be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Uchl1 ubiquitin carboxy-terminal hydrolase L1 [Mus musculus]
Official Symbol	Uchl1
Synonyms	UCHL1; ubiquitin carboxy-terminal hydrolase L1; ubiquitin carboxyl-terminal hydrolase isozyme L1; UCH-L1; PGP 9.5; gracile axonal dystrophy; protein gene product 9.5; ubiquitin thioesterase L1; neuron cytoplasmic protein 9.5; gad; C88048; PGP9.5; R75593; AW822034;
Gene ID	22223
mRNA Refseq	NM_011670
Protein Refseq	NP_035800

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