

Active Recombinant Rat Uchl1 protein(Glu2-Ala223), His-tagged

Cat. No. Uchl1-1809R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat UCHL1 (Q00981) (Glu 2-Ala 223) was expressed in E. coli, fused with a polyhistidine tag at the N-terminus.
Source	E. coli
Species	Rat
Tag	N-His
Protein length	Glu2-Ala223
Form	Lyophilized from sterile PBS, pH 7.4. 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 pmol/min/μg.
Molecular Mass	The recombinant Rat UCHL1 comprises 233 amino acids and predicts a molecular mass of 26.2 kDa. The apparent molecular mass of the Rat UCHL1 is approximately 28 kDa 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

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it under sterile conditions at -20°C to -80°C. It is recommended that the protein 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 carboxyl-terminal esterase L1 (ubiquitin thiolesterase) [*Rattus norvegicus*]

Official Symbol

Uchl1

Synonyms

UCHL1; ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase); ubiquitin carboxyl-terminal hydrolase isozyme L1; PGP9.5; UCH-L1; PGP 9.5; ubiquitin thioesterase L1; neuron cytoplasmic protein 9.5; ubiquitin carboxy-terminal hydrolase L1;

Gene ID

29545

mRNA Refseq

NM_017237

Protein Refseq

NP_058933

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