

Active Recombinant Rat Uchl1 Protein, His-tagged

Cat. No. Uchl1-612R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Uchl1(Gln2~Ala223) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gln2~Ala223
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Measured by the hydrolysis of UbiquitinAMC. The specific activity is >100 pmoles/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 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

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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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