Recombinant Rat UCHL3 protein(Glu2-Ala230), His-tagged

Cat. No. Uchl3-1810R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat UCHL3 (Q91Y78) (Glu 2-Ala 230) was expressed in E. coli, fused with a polyhistidine tag at the N-terminus.
Species	Rat
Source	E.coli
ProteinLength	2-230 a.a.
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 >14000 pmoles/min/μg.
Molecular Mass	The recombinant rat UCHL3 comprises 240 amino acids and predicts a molecular mass of 27.5 kDa. The apparent molecular mass of the rat UCHL3 is approximately 28 kDa in SDS-PAGE under reducing conditions.
Purity	> 95 % 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.

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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	Uchl3 ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase) [Rattus norvegicus]
Official Symbol	UCHL3
Synonyms	UCHL3; ubiquitin carboxyl-terminal esterase L3 (ubiquitin thiolesterase); ubiquitin carboxyl-terminal hydrolase isozyme L3; UCH-L3; ubiquitin thioesterase L3; RGD1561196;
Gene ID	498560
mRNA Refseq	NM_001110165
Protein Refseq	NP_001103635

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