

Recombinant Rat Uchl1 protein, His/S-tagged

Cat. No. Uchl1-17R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Uchl1(Val113~Glu211) fused with His/S tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Val113~Glu211
Form	Supplied as lyophilized form in PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.05% sarcosyl and preservative.
Molecular Mass	17.5kDa
AA Sequence	MHHHHHHSSG LVPRGSGMKE TAAAKFERQH MDSPDLGTDD DDKAMADIGS EF-VYQAELRE LRLRLDQLTT NSARLEVERD NLTQDLGTLR QKLQDETNLRL LEAENNLAVY RQEADEATLA RVDLERKVES LEEEIQLRK IHEEEVRELQ E
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

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store at -80 centigrade for 12 months.

Reconstitution Reconstitute in sterile ddH₂O.

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

MIM

UniProt ID Q00981

Chromosome Location 14p11

Pathway Parkinsons disease, organism-specific biosystem;

Function alpha-2A adrenergic receptor binding; alpha-2A adrenergic receptor binding;

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cysteine-type endopeptidase activity; cysteine-type endopeptidase activity; cysteine-type peptidase activity; ligase activity; omega peptidase activity; omega peptidase activity; peptidase activity; ubiquitin binding; ubiquitin binding; ubiquitin thiolesterase activity; ubiquitin thiolesterase activity;

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