

UCHL3 recombinant protein

UCHL3, Active

CATALOG # AAA74106	HOST E Coli	APPLICATIONS Western Blot
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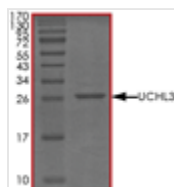
PRODUCT SYNONYMS

UCHL3; Active; UCH-L3; UCHL3 recombinant protein

PRODUCT SPECIFICATIONS

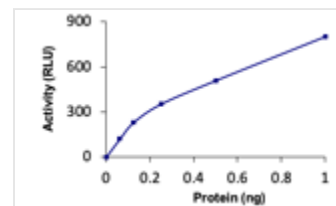
Host	E Coli
Form/Format	Recombinant protein stored in 50mM sodium phosphate, pH7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Applicable Applications for UCHL3 recombinant protein	WB (Western Blot), Activity Assay
Tag	HIS
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for UCHL3 recombinant protein	Recombinant full length human UCHL3, was expressed in E Coli cells using an N-terminal His tag. The UCHL3 gene accession number is NM_006002. UCHL3 (Ubiquitin carboxyl-terminal hydrolase isozyme L3) is a thiol protease belonging to the deubiquitinating enzymes family and catalyzes the removal of ubiquitin from polypeptides. UCHL3 takes part in the regulation of apical membrane recycling by deubiquitinating ENAC in apical compartments (1). UCHL3 was found to hydrolyze mutant ubiquitin (UBB+1), a mutation that is associated with neurodegenerative diseases (2).
Product Categories/Family for UCHL3 recombinant protein	DUBs; Cancer; Cardiovascular Disease; Cell Cycle; Cellular Stress; Invasion/Metastasis; Metabolic Disorder

References

1. Butterworth, M.B. et al: The deubiquitinating enzyme UCH-L3 regulates the apical membrane recycling of the epithelial sodium channel. J Biol Chem. 282(52):37885-93, 2007.
2. Dennissen, F.J. et al: Mutant ubiquitin (UBB+1) associated with neurodegenerative disorders is hydrolyzed by ubiquitin C-terminal hydrolase L3 (UCH-L3). FEBS Letters 585:1873-3468, 2011.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_006002](#)

Molecular Weight

27kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/uchl3-recombinant-protein-e-coli-wb-western-blot-activity-assay/74106>