

Recombinant Human Ubiquitin carboxyl-terminal hydrolase isozyme L5(UCHL5)

Catalog No: #AP70900

Package Size: #AP70900-1 20ug #AP70900-2 100ug #AP70900-3 1mg

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Description

Product Name	Recombinant Human Ubiquitin carboxyl-terminal hydrolase isozyme L5(UCHL5)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-326aaSequence Info:Full Length of Isoform 4
Other Names	Ubiquitin C-terminal hydrolase UCH37Ubiquitin thioesterase L5
Accession No.	Q9Y5K5
Calculated MW	53.4 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MTGNAGEWCLMESDPGVFTELIKGFGCRGAQVEEIWSLEPENFEKLKPVHGLIFLFWQPGEEPAGSVVQDS RLDTIFFAKQVINNACATQAIVSVLLNCTHQDVHLGETLSEFKEFSQSFDAAAMKGLALSNSDVIRQVHNSFARQ QMFEFDTKTSAKEEDAFHFVSYPVNGRLYELDGLREGPIDLGACNQDDWISAVRPVIEKRIQKYSEGEIRFNL MAIVSDRKMIEYEQKIAELQRQLAEEPMDTDQGNMSLSAIOSEVAKNQMLIEEEVQKLKRYKIENIRRKHNYLPFI MELLKTLAEHQQLIPLVEKFEKHFEKTLGK
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains. Deubiquitinating enzyme associated with the 19S regulatory subunit of the 26S proteasome. Putative regulatory component of the INO80 complex; however is inactive in the INO80 complex and is activated by a transient interaction of the INO80 complex with the proteasome via ADRM1.

References

Proteasome recruitment and activation of the Uch37 deubiquitinating enzyme by Adrm1.Yao T., Song L., Xu W., De;Martino G.N., Florens L., Swanson S.K., Washburn M.P., Conaway R.C., Conaway J.W., Cohen R.E.Nat. Cell Biol. 8:994-1002(2006)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only and is not intended for use in humans or animals.