Human Recombinant UCHL5

CATALOG #: 6359-100 100 µg

ALTERNATE NAMES: Ubiquitin carboxyl-terminal hydrolase isozyme L5, UCH37.

SOURCE: E.Coli

PURITY: > 90% by SDS - PAGE

MOL. WEIGHT: 39.7 kDa (349 aa, 1-329 aa + NT His Tag)

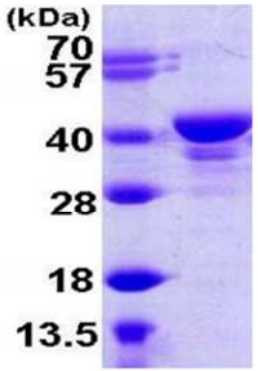
FORMULATION: 0.5 mg/ml solution in 20 mM Tris-HCl (pH 8.0) containing 5 mM DTT, 200 mM NaCl, 0.1 mM PMSF, 2 mM EDTA and 30% glycerol.

STORAGE CONDITIONS:
Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

DESCRIPTION:
UCHL5 is a member of the peptidase C12 family. It is a protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains, and is the deubiquitinating enzyme related to the 19S regulatory subunit of the 26S proteasome.

AMINO ACID SEQUENCE:
MGSSHHHHHH SSGLVPRGSH MTGNAGEWCL MESDPGVFTE LIKGFGCRGA QVEEIWSLEP ENFEKLKPVH GLIFLFKWQP GEEPAGSVVQ DSRLDTIFFA KQVINNACAT QAIVSVLLNC THQDVHLGET LSEFKEFSQS FDAAMKGLAL SNSDVIRQVH NSFARQQMFE FDTKTSAKEE DAFHFVSYVP VNGRLYELDG LREGPIDLGA CNQDDWISAV RPVIEKRIQK YSEGEIRFNL MAIVSDRKMI YEQKIAELQR QLAEEEPMDT DQGNSMLSAI QSEVAKNQML IEEEVQKLKR YKIENIRRKH NYLPFIMELL KTLAEHQQLI PLVEKAKEKQ NAKKAQETK

BIOLOGICAL ACTIVITY:
Specific activity: >500 pmole/min/µg. Measured by the hydrolysis of Ubiquitin-AMC at pH 8.0, at 37°C.



15% SDS-PAGE (3ug)

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RELATED PRODUCTS:

- UCHL1, human recombinant **(Cat. No. 4855-50)**
- Human recombinant UCHL1 **(Cat. No. 6306-100)**
- Human recombinant UCHL3 **(Cat. No. 6358-100)**
- LDN-57444 **(Cat. No. 2016-5, -25)**
- NSC-687852 **(Cat. No. 2012-5, -25)**
- TCID **(Cat. No. 2204-5, -25)**

FOR RESEARCH USE ONLY! Not to be used in humans.

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