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Human recombinant protein UCHL5

Human Recombinant UCHL5
Catalog # PBV10596r

Specification

Human recombinant protein UCHL5 - Product info

Primary Accession	Q9Y5K5
Concentration	0.5
Calculated MW	39.7 kDa (349 aa, 1-329 aa + NT His Tag) KDa

Human recombinant protein UCHL5 - Additional Info

Gene ID	51377
Gene Symbol	UCHL5

Other Names
Ubiquitin carboxyl-terminal hydrolase isozyme L5, UCH37

Gene Source	Human
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
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

Format
Liquid

Storage
-80°C; 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.

Human recombinant protein UCHL5 - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human recombinant protein UCHL5 - Images

Human recombinant protein UCHL5 - Background

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.

Human recombinant protein UCHL5 - References

Yao T.,et al.Nat. Cell Biol. 8:994-1002(2006).
Lai C.-H.,et al.Genome Res. 10:703-713(2000).
Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).