

Human UCHL5 Recombinant Protein



RPPB2397

Product Information Protein Information

Product SKU:

RPPB2397

Accession:

Q9Y5K5

Host:

Escherichia Coli.

Protein description:

UCHL5 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 349 amino acids (1-329a.a.) and having a molecular mass of 39.7kDa. UCHL5 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Ubiquitin Carboxyl-terminal Hydrolase L5, UCH37, CGI-70, UCH-L5, INO80R, Ubiquitin thioesterase L5, INO80 complex subunit R, EC 3.4.19.12, Ubiquitin Carboxyl-terminal Esterase L5.

Formulation:

The UCHL5 protein solution (0.5mg/ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 5mM DTT, 200mM NaCl, 0.1mM PMSF, 2mM EDTA and 30% glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHSSGLVPRGSH MTGNAGEWCL MESDPGVFTE LIKGFGCRGA QVEEWSLEP ENFEKLPVH
GLIFLFKWQP GEEPAGSVVQ DSRLDTIFFA KQVINNACAT QAIVSVLLNC THQDVHLGET LSEKFEFSQS
FDAAMKGLAL SNSDVIRQVH NSFARQQMFE FDTKTSAKEE DAFHFVSYVP VNGRLYELDG LREGPIDLGA
CNQDDWISAV RPVIEKRIQK YSEGEIRFNL MAIVSDRKMI YEQKIAELQR QLAEPEPMDT DQGNMMLSAI
QSEVAKNQML IEEVQQLKR YKIENIRRKH NYLPPFIMELL KTLAEHQQLI PLVEKAKEKQ NAKKAQETK

Biological Activity:

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