

Product datasheet

Active human UCH37 full length protein ab124871

製品の概要

製品名	Active human UCH37 full length protein
タンパク質長	Full length protein
製品の詳細	Recombinant human UCH37 protein

製品の詳細

由来	Recombinant
由来	Escherichia coli

アミノ酸配列

アクセッション番号 [Q9Y5K5](#)

生物種 Human

配列
 MGSSHHHHHSSGLVPRGSH MTGNAGEWCL
 MESDPGVFTE LIKFGCRGA QVEEWSLEP
 ENFEKLPVH GLIFLKWQP GEEPAGSVVQ
 DSRLDTIFFA KQVINNACAT QAIVSVLLNC
 THQDVHLGET LSEFKEFSQS FDAAMKGLAL
 SNSDVIRQVH NSFARQQMFE FDTKTSAKEE
 DAFHFVSYVP VNGRLYELDG LREGPIDLGA
 CNQDDWISAV RPVIEKRIQK YSEGEIRFNL
 MAIVSDRKMI YEQKIAELQR QLAEEEPMDT
 DQNSMLSAI QSEVAKNQML IEEEVQKLKR
 YKIENIRRKH NYLPFIMELL KTLAEHQQLI
 PLVEKAKEKQ NAKKAQETK

分子量 40 kDa including tags

領域 1 to 329

タグ His tag N-Terminus

配列の追加情報 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.

特性

Our [Abpromise guarantee](#) covers the use of **ab124871** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

生理活性	Specific activity: > 500 pmole/min/ug. Measured by the hydrolysis of Ubiquitin-AMC at pH 8.0, at 37°C.
アプリケーション	SDS-PAGE Functional Studies
精製度	> 90 % SDS-PAGE. ab124871 is purified by proprietary chromatographic techniques and is sterile filtered.
製品の状態	Liquid

前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.002% PMSF, 0.08% DTT, 0.32% Tris HCl, 0.06% EDTA, 30% Glycerol, 1.17% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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関連情報

機能	Protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains. Deubiquitinating enzyme associated with the 19S regulatory subunit of the 26S proteasome.
配列類似性	Belongs to the peptidase C12 family.
細胞内局在	Cytoplasm. Nucleus. Associates with the proteasome 19S subunit in the cytoplasm. Associates with the INO80 complex in the nucleus.

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