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Human recombinant protein UCHL3

Human Recombinant UCHL3
Catalog # PBV10595r

Specification

Human recombinant protein UCHL3 - Product info

Primary Accession	P15374
Concentration	1
Calculated MW	28.3 kDa (250 aa, 1-230 aa + NT His Tag) KDa

Human recombinant protein UCHL3 - Additional Info

Gene ID	7347
Gene Symbol	UCHL3

Other Names
Ubiquitin carboxyl-terminal hydrolase isozyme L3, UCH-L3, Ubiquitin thioesterase L3

Gene Source	Human
Source	E. Coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MGSSHHHHHH SSGLVPRGSH MEGQRWLPLE ANPEVTNQFL KQLGLHPNWQ FVDVYGMDPE LLSMVPRPVC AVLLLFPITE KYEVFRTEEE EKIKSQGQDV TSSVYFMKQT ISNACGTIGL IHAIANNKDK MHFESGSTLK KFLEESVSMS PEERARYLEN YDAIRVTHET SAHEGQTEAP SIDEKVDLHF IALVHVDGHL YELDGRKPFP INHGETSDET LLEDAIEVCK KFMERDPDEL RFNAIALSAA

Format
Liquid

Storage
-80°C; 1 mg/ml solution in 20 mM Tris-HCl (pH 8.0) containing 1 mM DTT, and 10% glycerol.

Human recombinant protein UCHL3 - 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 UCHL3 - Images

Human recombinant protein UCHL3 - Background

Ubiquitin C-terminal hydrolases (UCHs) are a family of cysteine hydrolases that catalyze the hydrolysis of amides, esters and thioesters of the C-terminus of ubiquitin. UCH-L3 is a member of the lower molecular weight group of UCHs involved in the hydrolysis of small C-terminal derivatives of ubiquitin that form non-specifically during the process of protein ubiquitinylation. UCHL3 play a role in the regulation of neuronal development and spermatogenesis and have been implicated in neurodegenerative diseases.

Human recombinant protein UCHL3 - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).
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