

UCHL5 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20058c**Specification**

UCHL5 Blocking Peptide (Center) - Product Information

Primary Accession [O9Y5K5](#)
Other Accession [NP_057068.1](#)

UCHL5 Blocking Peptide (Center) - Additional Information

Gene ID 51377

Other Names

Ubiquitin carboxyl-terminal hydrolase isozyme L5, UCH-L5, Ubiquitin C-terminal hydrolase UCH37, Ubiquitin thioesterase L5, UCHL5, UCH37

Target/Specificity

The synthetic peptide sequence is selected from aa 151-164 of HUMAN UCHL5

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

UCHL5 Blocking Peptide (Center) - Protein Information

Name UCHL5

Synonyms UCH37

Function

Protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains. Deubiquitinating enzyme associated with the 19S regulatory subunit of the 26S proteasome. Putative regulatory component of the INO80 complex; however is inactive in the INO80 complex and is activated by a transient interaction of the INO80 complex with the proteasome via ADRM1.

Cellular Location

Cytoplasm. Nucleus. Note=Associates with the proteasome 19S subunit in the cytoplasm. Associates with the INO80 complex in the nucleus

UHL5 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

UHL5 Blocking Peptide (Center) - Images

UHL5 Blocking Peptide (Center) - Background

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UHL5 Blocking Peptide (Center) - References

Nishio, K., et al. Biochem. Biophys. Res. Commun. 390(3):855-860(2009)
Yao, T., et al. Mol. Cell 31(6):909-917(2008)
Koulich, E., et al. Mol. Biol. Cell 19(3):1072-1082(2008)
Qiu, X.B., et al. EMBO J. 25(24):5742-5753(2006)
Hamazaki, J., et al. EMBO J. 25(19):4524-4536(2006)