

USP32 Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21949a**Specification**

USP32 Blocking Peptide (N-Term) - Product InformationPrimary Accession [Q8NFA0](#)**USP32 Blocking Peptide (N-Term) - Additional Information****Gene ID** 84669**Other Names**

Ubiquitin carboxyl-terminal hydrolase 32, 3.4.19.12, Deubiquitinating enzyme 32, Renal carcinoma antigen NY-REN-60, Ubiquitin thioesterase 32, Ubiquitin-specific-processing protease 32, USP32, USP10

Target/Specificity

The synthetic peptide sequence is selected from aa 458-470 of HUMAN USP32

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.

USP32 Blocking Peptide (N-Term) - Protein Information**Name** USP32**Synonyms** USP10**Function**

Deubiquitinase that can remove conjugated ubiquitin from target proteins, such as RAB7A and LAMTOR1 (PubMed:36476874). Acts as a positive regulator of the mTORC1 signaling by mediating deubiquitination of LAMTOR1, thereby promoting the association between LAMTOR1 and the lysosomal V-ATPase complex and subsequent activation of the mTORC1 complex (PubMed:36476874).

Cellular Location

Golgi apparatus membrane; Lipid-anchor

USP32 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

USP32 Blocking Peptide (N-Term) - Images

USP32 Blocking Peptide (N-Term) - References

Paulding C.A.,et al.Proc. Natl. Acad. Sci. U.S.A. 100:2507-2511(2003).

Sha J.H.,et al.Submitted (FEB-2001) to the EMBL/GenBank/DDBJ databases.

Zody M.C.,et al.Nature 440:1045-1049(2006).

Scanlan M.J.,et al.Int. J. Cancer 83:456-464(1999).

Olsen J.V.,et al.Cell 127:635-648(2006).