

XPNPEP2 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21732c

Specification**XPNPEP2 Blocking Peptide (Center) - Product Information**

Primary Accession [O43895](#)

XPNPEP2 Blocking Peptide (Center) - Additional Information

Gene ID 7512

Other Names

Xaa-Pro aminopeptidase 2,
Aminoacylproline aminopeptidase,
Membrane-bound aminopeptidase P,
Membrane-bound APP, Membrane-bound
AmP, mAmP, X-Pro aminopeptidase 2,
XPNPEP2

Target/Specificity

The synthetic peptide sequence is selected from aa 393-407 of HUMAN XPNPEP2

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.

XPNPEP2 Blocking Peptide (Center) - Protein Information

Name XPNPEP2

Function

Membrane-bound metalloprotease which catalyzes the removal of a penultimate

XPNPEP2 Blocking Peptide (Center) - Background

A metalloprotease that may play a role in the inflammatory process and other reactions produced in response to injury or infection. May also play a role in the metabolism of the vasodilator bradykinin.

XPNPEP2 Blocking Peptide (Center) - References

Venema R.C.,et al.Biochim. Biophys. Acta 1354:45-48(1997).
Sprinkle T.J.C.,et al.Submitted (SEP-2000) to the EMBL/GenBank/DDBJ databases.
Ryan J.W.,et al.Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Ross M.T.,et al.Nature 434:325-337(2005).
Duan Q.L.,et al.Am. J. Hum. Genet. 77:617-626(2005).

prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro. May play a role in the metabolism of the vasodilator bradykinin.

Cellular Location

Cell membrane

{ECO:0000250|UniProtKB:Q95333};

Lipid-anchor, GPI-anchor

{ECO:0000250|UniProtKB:Q95333}

Tissue Location

Expressed in kidney, lung, heart, placenta, liver, small intestine and colon. No expression in brain, skeletal muscle, pancreas, spleen, thymus, prostate, testis and ovary

**XPNPEP2 Blocking Peptide (Center) -
Protocols**

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

- [Blocking Peptides](#)