

XPNPEP2 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21732c**Specification**

XPNPEP2 Blocking Peptide (Center) - Product InformationPrimary 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 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 LocationCell 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](#)

XPNPEP2 Blocking Peptide (Center) - Images

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).