

IMPA2 Blocking Peptide (N-Term)
Synthetic peptide
Catalog # BP21697a**Specification**

IMPA2 Blocking Peptide (N-Term) - Product InformationPrimary Accession [O14732](#)**IMPA2 Blocking Peptide (N-Term) - Additional Information****Gene ID** 3613**Other Names**

Inositol monophosphatase 2, IMP 2, IMPase 2, Inositol-1(or 4)-monophosphatase 2, Myo-inositol monophosphatase A2, IMPA2, IMP18P

Target/Specificity

The synthetic peptide sequence is selected from aa 68-82 of HUMAN IMPA2

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.

IMPA2 Blocking Peptide (N-Term) - Protein Information**Name** IMPA2**Synonyms** IMP.18P**Function**

Can use myo-inositol monophosphates, scylloinositol 1,4- diphosphate, glucose-1-phosphate, beta-glycerophosphate, and 2'-AMP as substrates. Has been implicated as the pharmacological target for lithium Li(+) action in brain.

Cellular Location

Cytoplasm.

IMPA2 Blocking Peptide (N-Term) - Protocols

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

- [Blocking Peptides](#)

IMPA2 Blocking Peptide (N-Term) - Images**IMPA2 Blocking Peptide (N-Term) - Background**

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IMPA2 Blocking Peptide (N-Term) - References

Yoshikawa T.,et al.Mol. Psychiatry 2:393-397(1997).
Sjoeholt G.,et al.Mol. Psychiatry 5:172-180(2000).
Parthasarathy L.,et al.Submitted (OCT-1999) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.