NPTXR Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	NPTXR, Blocking Peptide
Full Product Name	NPTXR Peptide - middle region
Product Gene Name	NPTXR blocking peptide
Product Synonym Gene Name	NPR; Npcd; AI452369; AI785356; D15Bwg0580e; 1200009K17Rik; 1700036C17Rik; 5730406O18Rik
Sequence	Synthetic peptide located within the following region: VAQLPLSLKD SNWHHICISW TTRDGLWSAY QDGELRGSGE NLAAWHPIKP
Species Reactivity	Mouse
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	NPTXR peptide (MBS3248370) is used for blocking the activity of NPTXR antibody (MBS3223782)
Molecular Weight	52 kDa
Product Categories/Family for NPTXR blocking peptide	Peptide
Related Product Information for NPTXR blocking peptide	This is a synthetic peptide designed for use in combination with anti- NPTXR Antibody, made Target Description: This gene encodes a protein similar to the rat neuronal pentraxin receptor. The rat pentraxin receptor is an integral membrane protein that is thought to mediate neuronal uptake of the snake venom toxin, taipoxin, and its transport into the synapses. Studies in rat indicate that translation of this mRNA initiates at a non-AUG (CUG) codon. This may also be true for mouse and human, based on strong sequence conservation amongst these species.Â
Other Notes	Small volumes of NPTXR blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NPTXR purchase	MBS3248370 is a blocking peptide targeting NPTXR. Also known as NPTXR Peptide - middle region. Reactive in Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NPTXR. It may not necessarily be applicable to this product.

NCBI GI #	18202672
NCBI GeneID	73340
NCBI Accession #	Q99J85.1
UniProt Primary Accession #	Q99J85
UniProt Related Accession #	Q99J85
NCBI Official Full Name	Neuronal pentraxin receptor
NCBI Official Synonym Full Names	neuronal pentraxin receptor
NCBI Official Symbol	Nptxr

NCBI Official Synonym Symbols	NPR; Npcd; AI452369; AI785356; D15Bwg0580e; 1200009K17Rik; 1700036C17Rik; 5730406O18Rik
UniProt Protein Name	Neuronal pentraxin receptor
Protein Family	Neuronal pentraxin receptor
UniProt Gene Name	Nptxr
UniProt Synonym Gene Names	Npr
UniProt Entry Name	NPTXR_MOUSE
NCBI Protein Information	neuronal pentraxin receptor
NCBI Summary for NPTXR	This gene encodes a protein similar to the rat neuronal pentraxin receptor. The rat pentraxin receptor is an integral membrane protein that is thought to mediate neuronal uptake of the snake venom toxin, taipoxin, and its transport into the synapses. Studies in rat indicate that translation of this mRNA initiates at a non-AUG (CUG) codon. This may also be true for mouse and human, based on strong sequence conservation amongst these species. [provided by RefSeq, Jul 2008]
Research Articles on NPTXR	**1.** We find that NPR is a potent inducer of both excitatory and inhibitory heterologous synapses, and that knockdown of NPR in cultured neurons decreases the density of both excitatory and inhibitory synapses
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/mouse-blocking-peptide/nptxr/3248370