

Product Information

MemDX™ Membrane Protein Human NPTXR (Neuronal pentraxin receptor) Full Length

Cat. No.: **MPC4210K**

This product is for research use only and is not intended for diagnostic use.

This product is a made-to-order Human NPTXR membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

NPTXR

Protein Length

Full length

Protein Class

Receptor

TMD

1

Sequence

MKFLAVLLAAGMLAFLGAVICIIASVPLAASPARALPGGADNASVASGAA
ASPGPQRSLSALHGAGGSAGPPALPGAPAASAHPLPPGPLFSRFLCTPLA
AACPSGAQQGDAAGAAPGEREELLLQSTAEQLRQTALQQEARIRADQDT
IRELTGKLGRCESGLPRGLQGAGPRRDTMADGPWDSPALILELEDAVRAL
RDRIDRLEQELPARVNLSAAPAPVSAVPTGLHSKMDQLEGQLLAQVLALE
KERVERLSHSSRRQRQEVEKELDVLQGRVAELEHGSSAYSPPDAFKISIP
RNNYMYARVRKALPELYAFTACMWLRSRSGTGQGTTPFSYSVPGQANEIV
LLEAGHEPMELLINDKVAQLPLSLKDNGWHHICIAWTTTRDGLWSAYQDGE
LQSGGENLAAWHPIKPHGILILGQEQDTLGGRFDATQAFVGDIAQFNLWD
HALTPAQVLGIANCTAPLLGNVLPWEDKLVEAFGGATKAAFDVCKGRAKA

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

NPTXR

Full Name

Neuronal pentraxin receptor

Introduction

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.

Alternative Names

NPTXR; NPR; Neuronal pentraxin receptor

Gene ID

[23467](#)

UniProt ID

[O95502](#)