

Product Information

MemDX™ Membrane Protein Human NMBR (Neuromedin B receptor) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3522K**

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

This product is a Human NMBR membrane protein expressed *in vitro* *E.coli* expression system. 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

NMBR

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MPSKSLSNLSVTTGANESGSVPEGWERDFLPASDGTTELIVRCVIPSLYLLIITVGLLGNIIMLVKIFITNSAMRSVPNIFISNLAAGDLL

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

NMBR

Full Name

Neuromedin B receptor

Introduction

This gene encodes a 7-transmembrane G protein-coupled receptor that binds neuromedin B, which is a growth factor and mitogen for gastrointestinal epithelial tissue and for normal and neoplastic lung. This receptor may play a role in smooth muscle contraction, neuronal responses, and the regulation of cell growth. Antagonists of this receptor have a potential therapeutic use in inhibiting tumor cell growth. Polymorphisms in this gene may be associated with a susceptibility for schizophrenia. Alternative splicing of this gene results in multiple transcript variants.

Alternative Names

NMBR; BB1; BB1R; BRS1; NMB-R; bombesin receptor 1; epididymis secretory sperm binding protein Li 185a; epididymis tissue protein Li 185a; neuromedin-B-preferring bombesin receptor; Neuromedin B receptor

Gene ID

[4829](#)

UniProt ID

[P28336](#)