

Product Information

MemDX™ Membrane Protein Human NTSR1 (Neurotensin receptor 1) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX3552K**

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

This product is a Human NTSR1 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

NTSR1

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MRLNSSAPGTPGTPAADPFQRAQAGLEEALLAPGFGNASGNASERVLAAPSSSELDVNTDIYSKVLVTAVYLALFVVGTVGNTVTAF

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

NTSR1

Full Name

Neurotensin receptor 1

Introduction

Neurotensin receptor 1 belongs to the large superfamily of G-protein coupled receptors. NTSR1 mediates the multiple functions of neurotensin, such as hypotension, hyperglycemia, hypothermia, antinociception, and regulation of intestinal motility and secretion.

Alternative Names

NTSR1; NTR; neurotensin receptor type 1; NT-R-1; NTR1; NTRH; high-affinity levocabastine-insensitive neurotensin receptor; neurotensin receptor 1 (high affinity); Neurotensin receptor 1

Gene ID

[4923](#)

UniProt ID

[P30989](#)