

Product Information

MemDX™ Membrane Protein Human NTSR1 (Neurotensin receptor 1) Full Length

Cat. No.: **MPC0311K**

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

This product is a 46.2 kDa Human NTSR1 membrane protein expressed in Baculovirus/Insect 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

Molecular Weight

46.2 kDa

TMD

7

Sequence

MRLNSSAPGTPGTPAADPFQRAQAGLEEALLAPGFGNASGNASERVLAAP
SSELDVNTDIYSKVLVTAVYLALFVVGTVGNTVTAFTLARKKSLQSLQST
VHYHLGSLALSDLTLLAMPVELYNFIWVHHPWAFGDAGCRGYYFLRDA
CTYATALNVASLSVERYLAICHPPKAKTLMSSRSRTKKFISAIWLASALLA
VPMLFTMGEQNRSDAGQHAGGLVCTPTIHTATVKVVIQVNTFMSFIFPMV
VISVLNTIIANKLTVMVRQAAEQGQVCTVGGEHSTFSMAIEPGRVQALRH
GVRVLRVAVIAFVVCWLPYHVRRLMFCYISDEQWTPFLYDFYHYFYMTN
ALFYVSSTINPILYNLVSANFRHIFLATLACLCPVWRRRRKRPAFSRKAD
SVSSNHTLSSNATRETLY

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Flag tag at N-terminal and 10xHis tag at C-terminal

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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

Gene ID

[4923](#)

UniProt ID

[P30989](#)