

# Product Information

## **MemDX™ Membrane Protein Human TACR3 (Tachykinin receptor 3) Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX3592K**

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

This product is a Human TACR3 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

TACR3

#### Protein Length

Full Length

#### Protein Class

GPCR

#### TMD

7

#### Sequence

MATLPAAETWIDGGGGVGADAVNLTASLAAGAATGAVETGWLQLLDQAGNLSSSPSALGLPVASPAPSQPWANLTNQFVQPSWR

### 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

TACR3

#### Full Name

Tachykinin receptor 3

#### Introduction

This gene belongs to a family of genes that function as receptors for tachykinins. Receptor affinities are specified by variations in the 5'-end of the sequence. The receptors belonging to this family are characterized by interactions with G proteins and 7 hydrophobic transmembrane regions. This gene encodes the receptor for the tachykinin neurokinin 3, also referred to as neurokinin B.

#### Alternative Names

TACR3; NK3; NKR; HH11; NK3R; NK-3R; TAC3R; TAC3RL; NK-3 receptor; NK3 receptor; neurokinin B receptor; neurokinin beta receptor; Tachykinin receptor 3

#### Gene ID

[6870](#)

#### UniProt ID

[P29371](#)