

## 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

MATLPAAETWIDGGGGVGADAVNLTASLAAGAATGAVETGWLQLLDQAGNLSSPSALGLPVASPAPSQPWANLTNQFVQPSWR

#### 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](#)