

# Product Information

## **MemDX™ Membrane Protein Human SSTR4 (Somatostatin receptor 4) Expressed *in vitro* *E.coli* expression system, Full Length**

Cat. No.: **MPX3517K**

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

This product is a Human SSTR4 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

SSTR4

#### Protein Length

Full Length

#### Protein Class

GPCR

#### TMD

7

#### Sequence

MSAPSTLPPGGEEGLGTAWPSAANASSAPAEAEAEAVAGPGDARAAGMVAIQCIYALVCLVGLVGNALVIFVILRYAKMKTATNIYLL

### 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**

SSTR4

#### **Full Name**

Somatostatin receptor 4

#### **Introduction**

Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biologic effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. SSTR4 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in fetal and adult brain and lung.

#### **Alternative Names**

SSTR4; SS4R; SS4-R; SS-4-R; somatostatin receptor type 4; Somatostatin receptor 4

#### **Gene ID**

[6754](#)

#### **UniProt ID**

[P31391](#)