

## Product Information

### MemDX™ Membrane Protein Human SSTR4 (Somatostatin receptor 4) Full Length

Cat. No.: **MPC0245K**

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

This product is a 42 kDa Human SSTR4 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

SSTR4

##### Protein Length

Full length

##### Protein Class

GPCR

##### Molecular Weight

42 kDa

##### TMD

7

##### Sequence

MSAPSTLPPGGEEGLGTAWPSAANASSAPAEAEAEAVAGPGDARAAGMVAI  
QCIYALVCLVGLVGNALVIFVILRYAKMKTATNIYLLNLVADELFMLSV  
PFVASSAALRHWPFGSVLCRAVLSVDGLNMFTSVFCLTVLSVDRYVAVVH  
PLRAATYRRPSVAKLINLGVWLASLLVTLPIAIFADTRPARGGQAVACNL  
QWPHPAWSAVFVYTFLLGFLLPVLAIGLCYLLIVGKMRAVALRAGWQQR  
RRSEKKITRLVLMVVVFLCWMPFYVVQLLNFVTSLDATVNHVSLILS  
YANSCANPILYGFLSDNFRFFQRVLCRLCCLLEGAGGAEPLDYYATA  
LKSKGGAGCMCPPLPCQQEALQPEPGRKRIPLTRTTTF

#### Product Description

##### Expression Systems

Baculovirus/Insect expression system

##### Tag

Based on specific requirements

**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**

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**

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

**Gene ID**

[6754](#)

**UniProt ID**

[P31391](#)