

Product Information

MemDX™ Membrane Protein Human SSTR3 (Somatostatin receptor 3) Full Length

Cat. No.: **MPC0244K**

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

This product is a 45.8 kDa Human SSTR3 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

SSTR3

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

45.8 kDa

TMD

7

Sequence

MDMLHPSSVSTTSEPENASSAWPPDATLGNVSAGPSPAGLAVSGVLIPLV
YLVCVVGLLGNSLVIYVLRHTASPSVTNVYILNLALADELFMLGLPFL
AAQNALSYWPFGLSMCRLVMAVDGINQFTSIFCLTVMSVDRLAVVHPTR
SARWRTAPVARTVSAAVVWASAVVVLVVFSGVPRGMSTCHMQWPEPAA
AWRAGFIITYAALGFFGPLLVICLCYLLIVVKVRSAGRRVWAPSCQRRRR
SERRVTRMVAVVALFVLCWMPFYVLNIVNVVCPLEEPAFFGLYFLVVA
LPYANSCANPILYGFLSYRFKQGFRVLLRPSRRVRSQEPTVGPPEKTEE
EDEEEEDGEESREGGKGKEMNGRVSQITQPGTSGQERPPSRVASKEQQLL
PQEASTGEKSSTMRISYL

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**

SSTR3

Full Name

Somatostatin receptor 3

Introduction

This gene encodes a member of the somatostatin receptor protein family. Somatostatins are peptide hormones that regulate diverse cellular functions such as neurotransmission, cell proliferation, and endocrine signaling as well as inhibiting the release of many hormones and other secretory proteins. Somatostatin has two active forms of 14 and 28 amino acids. The biological effects of somatostatins are mediated by a family of G-protein coupled somatostatin receptors that are expressed in a tissue-specific manner. Somatostatin receptors form homodimers and heterodimers with other members of the superfamily as well as with other G-protein coupled receptors and receptor tyrosine kinases. This protein is functionally coupled to adenylyl cyclase. Alternate splicing results in multiple transcript variants.

Alternative Names

SS3R; SS3-R; SS-3-R; SSR-28; somatostatin receptor type 3; SSTR3; Somatostatin receptor 3

Gene ID

[6753](#)

UniProt ID

[P32745](#)