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Product Information

MemDX™ Membrane Protein Human SSTR2 (Somatostatin receptor 2) Full Length

Cat. No.: **MPC0243K**
This product is for research use only and is not intended for diagnostic use.

This product is a 41.3 kDa Human SSTR2 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
SSTR2

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
41.3 kDa

TMD
7

Sequence
MDMADEPLNGSHTWLSIPFDLNGSVVSTNTSNQTEPYYDLTSNAVLTFIY
FVVCIIGLCGNTLVIYVILRYAKMKTITNIYILNLAIADELFMLGLPFLA
MQVALVHWPFGKAICRVVMTVDGINQFTSIFCLTVMSIDRYLAVVHPIKS
AKWRRPRTAKMITMAVWGVSLLVILPIMIYAGLRSNQWGRSSCTINWPGE
SGAWYTGFIIYTFILGFLVPLTIICLCYLFIIIKVKSSGIRVGSSKRKKS
EKKVTRMVSIVVAVFIFCWLPFYIFNVSSVSMAISPTPALKGMFDFVVVL
TYANSCANPILYAFLSDNFKKSFQNVLCLVKVSGTDDGERSDSKQDKSRL
NETTETQRTLLNGDLQTSI

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

SSTR2

Full Name

Somatostatin receptor 2

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. SSTR2 is a member of the superfamily of receptors having seven transmembrane segments and is expressed in highest levels in cerebrum and kidney.

Alternative Names

somatostatin receptor type 2; SRIF-1; SS2R; SSTR2; Somatostatin receptor 2

Gene ID

6752

UniProt ID

P30874