

Proteoliposomes

Full-Length

SSTR1 (Human) Recombinant Protein

Catalog # H00006751-G01

Size 2 ug

Specification

Product Description

Human SSTR1 full-length ORF (NP_001040.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MFPNGTASSPSSSPSPSPGSCGEGGSRGPGAGAADGMEEPGRNASQNGTLSEGQGSAILISFI
YSVVCLVGLCGNSMVIYILRYAKMKTATNMYLNLAIADELLMLSVPFLVTSTLLRHWPFGALLCRLV
LSVDAVNMFSTSYCLTVLSVDRYVAVVHPIKAARYRRPTVAKVVNLGVWVLSLLVILPIVFSRTAA
NSDGTVACNMLMPEPAQRWLVGFLVYTFMLMGFLLPVGAICLCYVLIKMRMVALKAGWQQRKRS
ERKITLMVMMVMVFVICWMPFYVVQLVNVFAEQDDATVSQLSVILGYANSCANPILYGFLSDNFK
RSFQRILCLSWMDNAAEEPVDYYATALKSRAYSVEDFQPENLESGGVFRNGTCTSRITTL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

42.7

Interspecies Antigen Sequence

Mouse (99); Rat (97)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — SSTR1

Entrez GeneID	6751
GeneBank Accession#	NM_001049.2
Protein Accession#	NP_001040.1
Gene Name	SSTR1
Gene Alias	SRIF-2
Gene Description	somatostatin receptor 1
Omim ID	182451
Gene Ontology	Hyperlink
Gene Summary	Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biological effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. The encoded protein is a member of the superfamily of somatostatin receptors having seven transmembrane segments, and is expressed in highest levels in jejunum and stomach. [provided by RefSeq]
Other Designations	G-protein coupled receptor

Publication Reference

- [Somatostatin Expression in Human Hair Follicles and its Potential Role in Immune Privilege.](#)

Breitkopf T, Lo BK, Leung G, Wang E, Yu M, Carr N, Zloty D, Cowan B, Shapiro J, McElwee KJ.

Journal of Investigative Dermatology 2013 Jul; 133(7):1722.

Application: Func, Human, Human PBMCs

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Mental Disorders](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)