

Proteoliposomes

Full-Length

SSTR2 (Human) Recombinant Protein

Catalog # H00006752-G01

Size 10 ug

Specification

Product Description	Human SSTR2 full-length ORF (NP_001041.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MDMADEPLNGSHTWLSIPFDLNGSVVSTNTSNQTEPYDLTSSNAVLTFYFVVCIGLCGNTLVYVIL RYAKMKTITNYILNLAIADLFMLGLPFLAMQVALVHWPFGAICRVVMTVDGINQFTSIFCLTVMSI DRYLAVVHPIKSAKWRRPRTAKMITMAVWGVSLLVILPIMYAGLRSNQWGRSSCTINWPGESGAW YTGFIITYFILGFLVPLTIICLCYLFIIKVKSSGIRVGSSKRKKSEKKVTRMVSIVAVFIFCWLPFYIFNV SSVSMAISPTPALKGMFDFVVVLTYSNANPILYAFLSDNFKKSFQNVLCVLKVSIGTDDGERSD SKQDKSRLNETTETQRTLLNGDLQTSI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	41.3
Interspecies Antigen Sequence	Mouse (94); Rat (93)
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 — SSTR2

Entrez GeneID [6752](#)

GeneBank Accession# [NM_001050.2](#)

Protein Accession# [NP_001041.1](#)

Gene Name SSTR2

Gene Alias -

Gene Description somatostatin receptor 2

Omim ID [182452](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations -

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Acromegaly](#)
- [Adenocarcinoma](#)
- [Atherosclerosis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

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