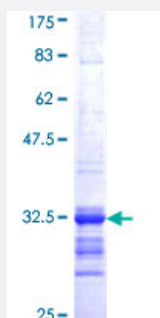


SSTR2 (Human) Recombinant Protein (Q02)

Catalog # H00006752-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SSTR2 partial ORF (NP_001041, 316 a.a. - 369 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SDNFKKSFQNVLCVLKVSCTDDGERSDSKQDKSRLNETTETQRTLLNGDLQTSI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	31.68
Interspecies Antigen Sequence	Mouse (98); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SSTR2

Entrez GeneID [6752](#)

GeneBank Accession# [NM_001050](#)

Protein Accession# [NP_001041](#)

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](#)