

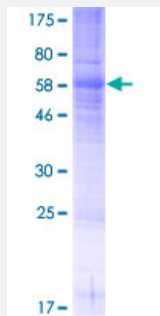
## Full-Length

# SSTR5 (Human) Recombinant Protein (P01)

Catalog # H00006755-P01

Size 25 ug, 10 ug

## Applications



## Specification

### Product Description

Human SSTR5 full-length ORF ( AA46577.1, 1 a.a. - 364 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MEPLFPASTPSWNASSPGAASGGGDNRTLVGPPAPSAGARAVLPVLYLLVCAAGLGGNTLVIV  
VLRFAKMKTVTNMYLNLAVADVLYMLGLPFLATQNAASFWPFGPVLCLVMTLDGVNQFTSVFCL  
TVMSVDRYLAVVHPLSSARWRRPRVAKLASAAAWVLSLCMSLPLLVFADVQEGGTCNASWPE  
PVGLWGAVFIYTAVLGFFAPLLVICLCYLLMVKVRAAGVRVGCVRRRSERKVTRMVLVVVLVFAG  
CWLPFFTVMNLAVALPQEPASAGLYFFVILSYANSCANPVLYGFLSDNFRQSFQKVLCLRKGS  
GAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQTSKL

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

66.99

### Interspecies Antigen Sequence

Mouse (79); Rat (80)

### 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 — SSTR5

**Entrez GeneID**[6755](#)**GeneBank Accession#**[BC146576](#)**Protein Accession#**[AA46577.1](#)**Gene Name**

SSTR5

**Gene Alias**

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**Gene Description**

somatostatin receptor 5

**Omim ID**[102200 182455](#)**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. SSTR5 is a member of the superfamily of receptors having seven transmembrane segments. [provided by RefSeq]

**Other Designations**

OTTHUMP00000158593|somatostatin receptor subtype 5

## Pathway

- [Neuroactive ligand-receptor interaction](#)

## Disease

- [Acromegaly](#)
- [Anorexia Nervosa](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Genetic Predisposition to Disease](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)