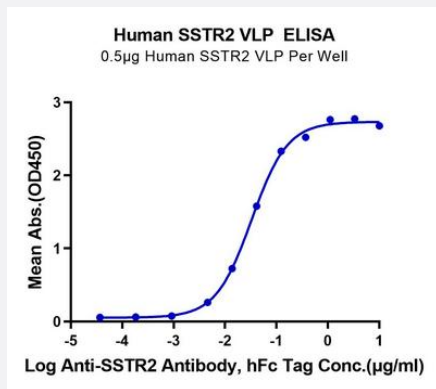


HuPro®

SSTR2 (Human) Recombinant Protein

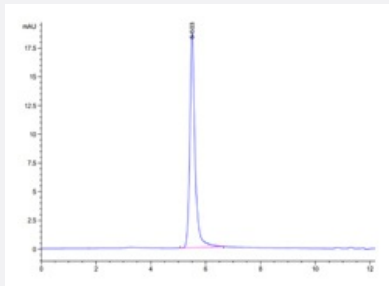
Catalog # P9760 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

Immobilized Human SSTR2 VLP at 5 ug/mL on the plate (100 uL/Well). Dose response curve for Anti-SSTR2 Antibody, hFc Tag with the EC50 of 32.8 ng/mL determined by ELISA.



SEC-HPLC

The purity of Human SSTR2 VLP is greater than 95% as determined by SEC-HPLC.

Specification

Product Description	Human SSTR2 (P30874-1, Met1-Ile369) partial recombinant protein expressed in HEK293 cells.
Sequence	Met1-Ile369
Host	Human
Theoretical MW (kDa)	42.7
Form	Liquid

Preparation Method	Mammalian cell (HEK293) expression system
Quality Control Testing	SEC-HPLC SEC-HPLC The purity of Human SSTR2 VLP is greater than 95% as determined by SEC-HPLC.
Recommend Usage	Biological Activity ELISA The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS pH 7.4
Storage Instruction	Store at -80°C for 12 Month. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis

Applications

- Enzyme-linked Immunoabsorbent Assay

Immobilized Human SSTR2 VLP at 5 ug/mL on the plate (100 uL/Well). Dose response curve for Anti-SSTR2 Antibody, hFc Tag with the EC50 of 32.8 ng/mL determined by ELISA.

- Functional Study

Gene Info — SSTR2

Entrez GeneID	6752
Protein Accession#	P30874-1
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](#)