

**HUMAN SSTR2 PROTEIN, HFC TAG**

目录: 11591

产品名称: Human SSTR2 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: SRIF-1;SS2R

**Target:** SSTR2

**UNIPROT ID:** P30874

**描述:** Recombinant human SSTR2 protein with C-terminal human Fc tag

**背景:** 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, Jul 2008]

**Species/Host:** HEK293

**Molecular Weight:** The protein has a predicted molecular mass of 30.9 kDa after removal of the signal peptide. The apparent molecular mass of SSTR2-hFc is approximately 40-55 kDa due to glycosylation.

**Molecular Characterization:** SSTR2(Met1-Asn43) hFc(Glu99-Ala330)

**纯化:** The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

**储存和运输:** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

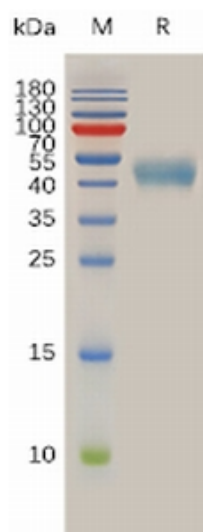


Figure 1. Human SSTR2 Protein, hFc Tag on SDS-PAGE under reducing condition.

## Human SSTR2, hFc Tagged protein ELISA

0.2  $\mu$ g of Human SSTR2, hFc tagged protein per well

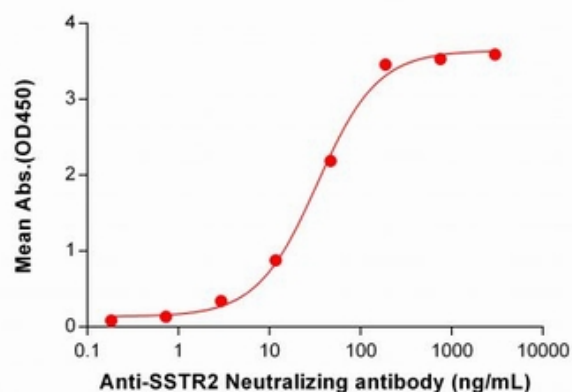


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ l/well) Human SSTR2 Protein, hFc Tag (11591) can bind SSTR2 Neutralizing antibody 28122 in a linear range of 2.93-187.50 ng/mL.