

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.

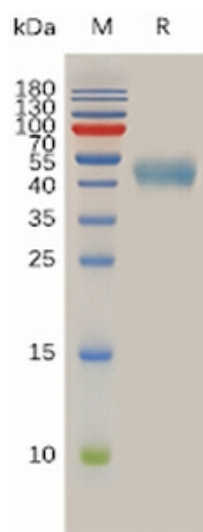


Figure 1. Human SSTR2 Protein, hFc Tag on SDS-PAGE under reducing condition.

Human SSTR2, hFc Tagged protein ELISA

0.2 μ g of Human SSTR2, hFc tagged protein per well

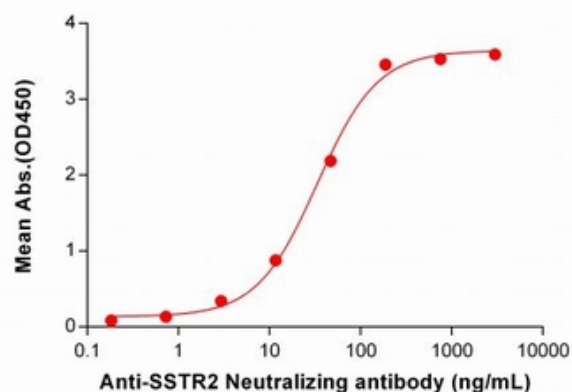


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human SSTR2 Protein, hFc Tag (11591) can bind SSTR2 Neutralizing antibody 28122 in a linear range of 2.93-187.50 ng/mL.