

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **HUMAN SSTR2 FULL LENGTH PROTEIN**

目录: 11003

产品名称: Human SSTR2 Full Length Protein

规格: 10 μg, 50 μg and 100 μg

基因符号: SS-2-R; SS2-R; SS2R; SST2

Target: SSTR2

**UNIPROT ID:** P30874

描述: Human SSTR2 full length protein-synthetic nanodisc

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.

Species/Host: HEK293

Molecular Weight: The human full length SSTR2 Protein has a MW of 41.2 kDa

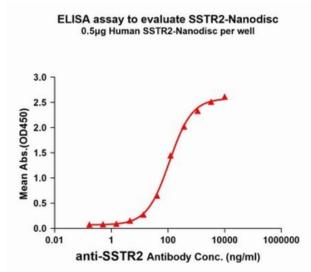
**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.



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Figurel. Elisa plates were added with His/Flag Tag SSTR2-Nanodisc (0.5 µg/per well) on an Flag monoclonal antibody pre-coated (0.5 µg/per well) plate. Serial diluted SSTR2 monoclonal antibody (28122) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for SSTR2 monoclonal antibody binding with SSTR2-Nanodisc is 113.2ng/ml.

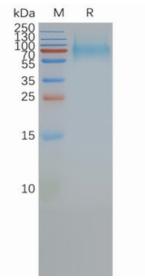


Figure 2. Human SSTR2-Nanodisc, His/Flag Tag on SDS-PAGE