

## HUMAN SSTR2 FULL LENGTH PROTEIN

货号: 12228

产品全名: 人 SSTR2 Full Length 蛋白

规格: 10/50/100 µg

基因符号 SS-2-R; SS2-R; SS2R; SST2

目标蛋白: SSTR2

**UNIPROT ID:** P30874

**描述:** 人 SSTR2 full length protein membrane nanoparticles (MNPs)

**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.

**物种/宿主:** HEK293

**分子量:** 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.

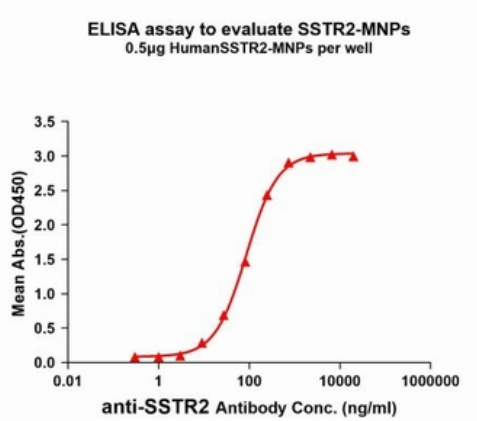


Figure1. Elisa plates were pre-coated with 0.5 µg/per well purified human SSTR2 full length membrane nanoparticles. Serial diluted anti-SSTR2 monoclonal antibody (28122) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-SSTR2 monoclonal antibody binding with SSTR2 full length membrane nanoparticles is 86.2ng/ml.

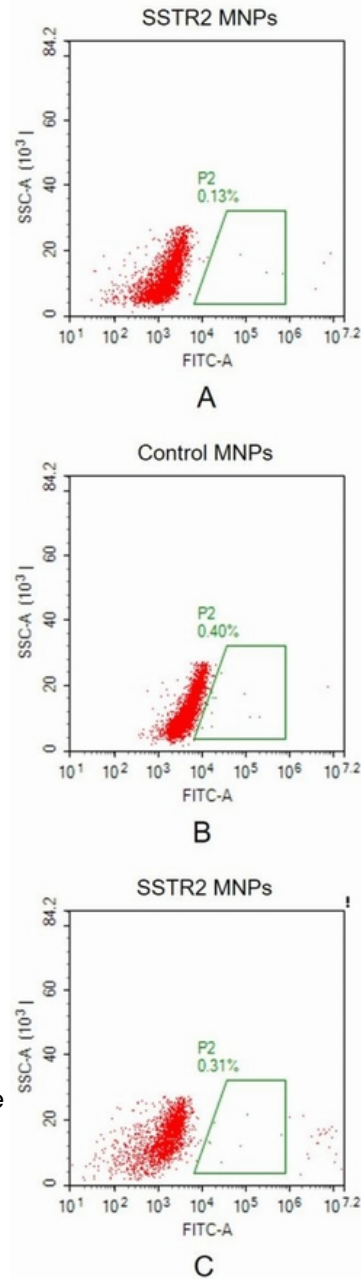


Figure2. FACS analysis of SSTR2 MNPs A. Negative Control 1: SSTR2 full length membrane nanoparticles samples were stained only with Goat anti-human IgG 488 secondary antibody. B. Negative Control 2: Control membrane nanoparticles samples were stained with anti-SSTR2 antibody (28122) at 2µg/ml, followed by Goat anti-human IgG 488 secondary antibody. C. Negative Control 3: SSTR2 full length membrane nanoparticles samples were stained with anti-GPRC5D antibody (an irrelevant antibody) at 2µg/ml, followed by Goat anti-human IgG 488 secondary antibody. D. SSTR2 full length membrane nanoparticles samples were stained with anti-SSTR2 antibody (28122) at 2µg/ml, followed by Goat anti-human IgG 488 secondary antibody.



# Product Description

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