

PRODUCT INFORMATION

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| Tag | N-His, C-Strep Tag |
| Expression Host | E.coli |
| Target | SSTR2 |
| Description | Human SSTR2 cell-free full length protein-Nanodisc |
| Synonyms | SS-2-R; SS2-R; SS2R; SST2 |
| Uniprot ID | P30874 |
| Protein Families | GPCR |
| Protein Pathways | Neuroactive ligand-receptor interaction |
| Molecular Weight | The human SSTR2 cell-free full length protein-Nanodisc has a MW of 45.5kDa |
| Delivery | 1 week |
| Formulation & Reconstitution | Liquid, 20mM HEPES, 150mM NaCl, pH7.5 |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use. |
| Storage&Shipping | Store at -80°C, Ship on dry ice. |
| Purity | >80% |
| Background | 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. |
| Usage | Research use only |
| Conjugate | Unconjugated |



SSTR2(nanodisc)

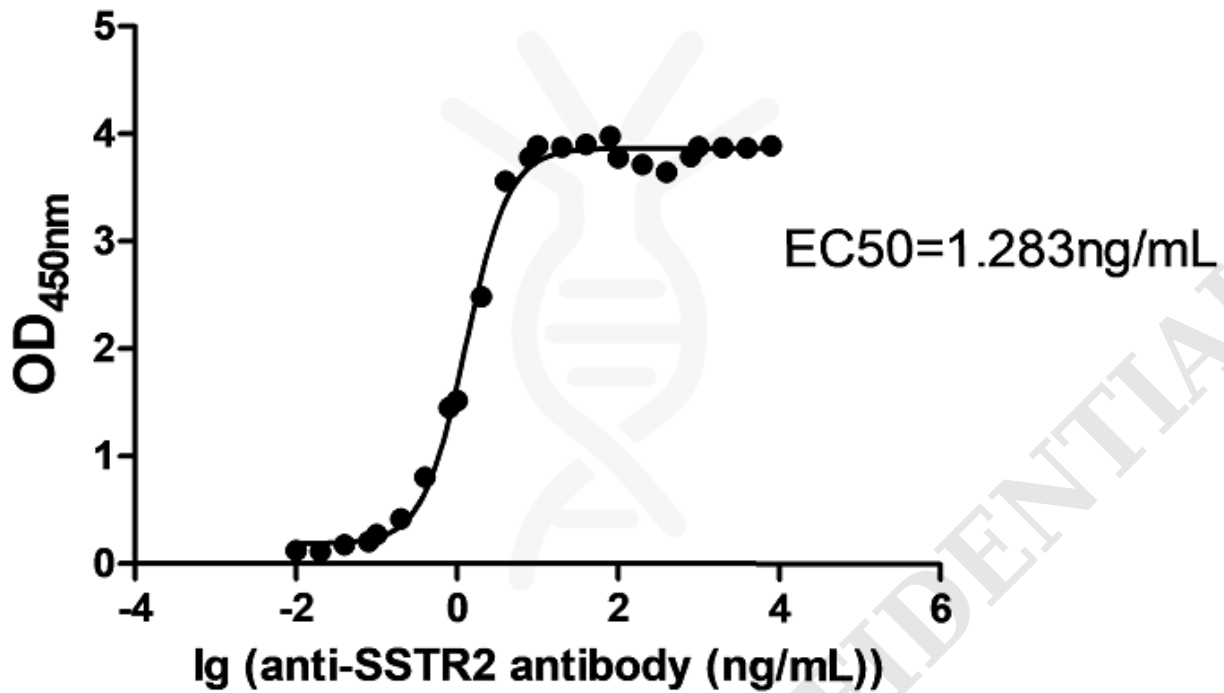


Figure 1. Elisa plates were pre-coated with N-His, C-Strep Tag SSTR2 cell-free-Nanodisc (0.5 μ g/per well). Serial diluted anti-SSTR2 antibody (BME100127) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC₅₀ for anti-SSTR2 antibody binding with SSTR2 cell-free-Nanodisc is 3.738 ng/mL.



Figure 2. Human SSTR2 cell-free-Nanodisc, N-His, C-Strep Tag on SDS-PAGE.

