PRODUCT INFORMATION

Tag	N-His, C-Strep Tag
Expression Host	E.coli
Target	SSTR2
Description	Human SSTR2 cell-free full length protein-Detergent
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-Detergent has a MW of 45.5kDa
Delivery	1 week
Formulation & Reconstitution	Liquid, 1xPBS, 0.1M, 0.02%CHS, pH7.4
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μm) prior to use.
Storage&Shipping	Store at -80℃, 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

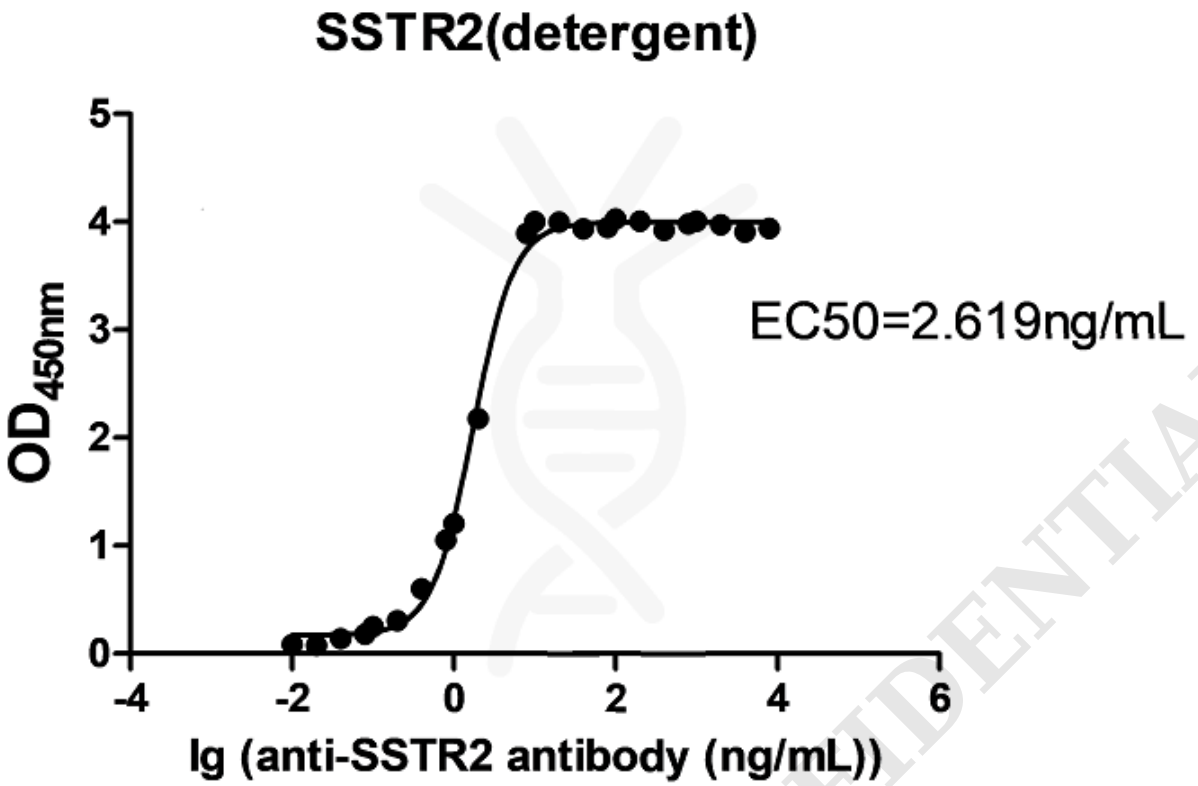

Figure 1. Elisa plates were pre-coated with N-His, C-Strep Tag SSTR2 cell-free-Detergent (0.5μg/per well). Serial diluted anti-SSTR2 antibody (BME100127) solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-SSTR2 antibody binding with SSTR2 cell-free-Detergent is 4.448 ng/mL.

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