Human SSTR2 Protein-Nanodisc

Cat. No. STR-HM1N1

Description

Source	Recombinant Human SSTR2 Protein-Nanodisc is expressed from HEK293 with His tag at the C-terminus.
	It contains Met1-Ile369.
Accession	P30874-1
Molecular Weight	The protein has a predicted MW of 42.70 kDa.
Endotoxin	Less than 1EU per μg by the LAL method.

Formulation and Storage

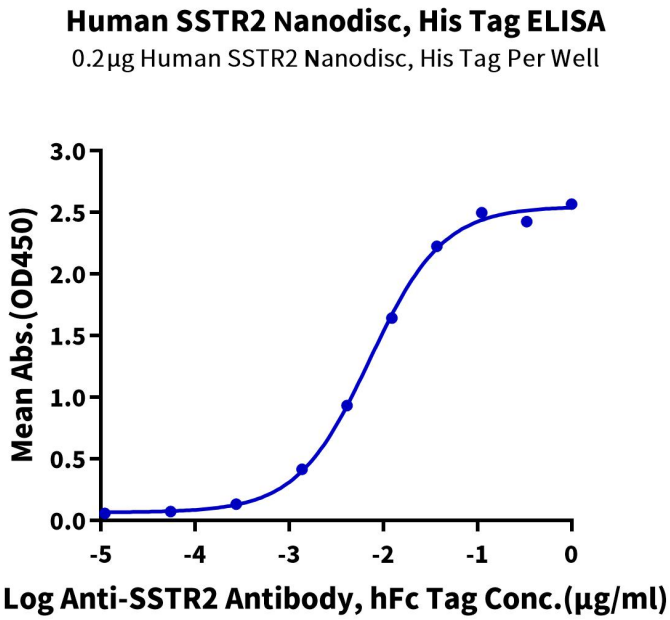
Formulation	Supplied as 0.22 μm filtered solution in PBS (pH 7.4). Notice: Not recommended for immunization.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

Somatostatin receptor (SSTR) 2, widely expressed in meningioma, is a G-protein-coupled receptor and can be activated by somatostatin or its synthetic analogs. SSTR2 is therefore extensively studied as a marker and target for the diagnosis and treatment of meningioma.

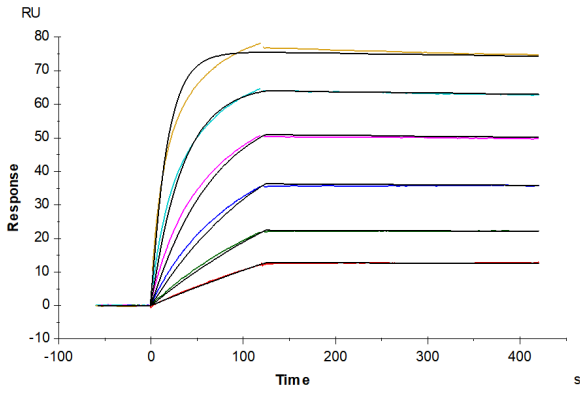
Assay Data

ELISA Data



Immobilized Human SSTR2 Nanodisc, His Tag at 2μg/ml (100μl/well) on the plate. Dose response curve for Anti-SSTR2 Antibody, hFc Tag with the EC50 of 7.2ng/ml determined by ELISA (QC Test).

SPR Data



Human SSTR2 Nanodisc, His Tag captured on CM5 Chip via Anti-His Antibody can bind Anti-SSTR2 Antibody, hFc Tag with an affinity constant of 91.88 pM as determined in SPR assay (Biacore T200).