

Datasheet for ABIN6964126
SSTR2 Protein (AA 1-43) (Fc Tag)



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2 Images

Overview

Quantity:	100 µg
Target:	SSTR2
Protein Characteristics:	AA 1-43
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SSTR2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant human SSTR2 protein with C-terminal human Fc tag
Specificity:	SSTR2 (Met1-Asn43) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	SSTR2
Alternative Name:	SSTR2 (SSTR2 Products)
Background:	Somatostatin acts at many sites to inhibit the release of many hormones and other secretory

Target Details

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. [provided by RefSeq, Jul 2008]

Molecular Weight:	predicted molecular mass of 30.9 kDa after removal of the signal peptide. The apparent molecular mass of SSTR2-hFc is 40-55 kDa due to glycosylation.
UniProt:	P30874

Application Details

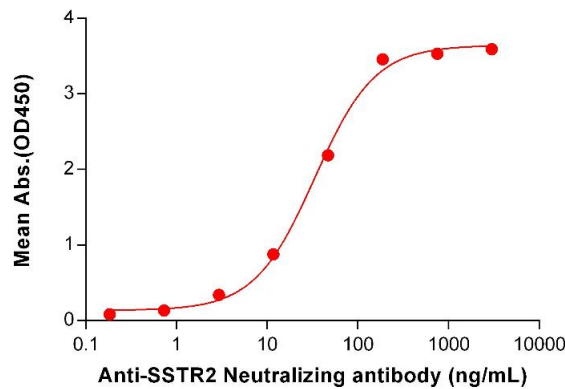
Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months

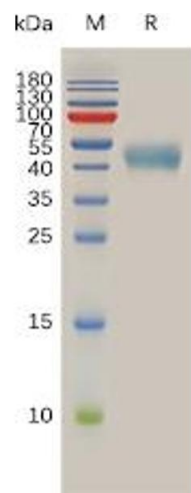
Images

Human SSTR2, hFc Tagged protein ELISA
0.2 µg of Human SSTR2, hFc tagged protein per well



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human S Protein, hFc Tag (ABIN6964126, ABIN7042533 and ABIN7042534) can bind Anti-S Neutralizing antibody ABIN7478019 and ABIN7490973 in a linear range of 2.93-187.50 ng/mL.



SDS-PAGE

Image 2. Human S Protein, hFc Tag on SDS-PAGE under reducing condition.