

Human SSTR2 Protein-VLP

Cat. No. STR-HM002



Description

Source	Recombinant Human SSTR2 Protein-VLP is expressed from Expi293 . It contains Met1-Ile369.
Accession	P30874-1
Molecular Weight	Human SSTR2 Protein has a predicted MW of 42.7 kDa.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by HPLC

Formulation and Storage

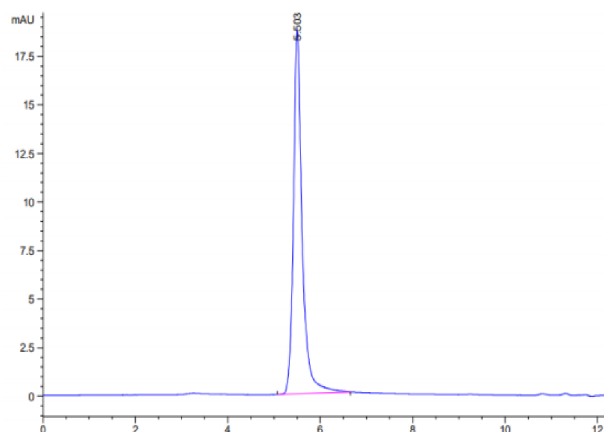
Formulation	Supplied as 0.22µm filtered solution in PBS (pH 7.4). Please dilute to the desired concentration according to the concentration of the solution shown on the product label. Notice: If you need it for immunization, Do Not use any adjuvant.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please do not repeated 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

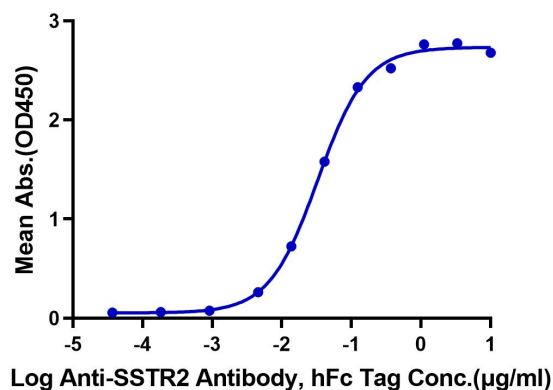
SEC-HPLC



The purity of Human SSTR2 VLP is greater than 95% as determined by SEC-HPLC.

ELISA Data

Human SSTR2 VLP ELISA
0.5µg Human SSTR2 VLP Per Well



Immobilized Human SSTR2 VLP at 5µg/ml on the plate (100µl/Well). Dose response curve for Anti-SSTR2 Antibody, hFc Tag with the EC50 of 32.8ng/ml determined by ELISA.