

Human SSTR2 Protein-VLP

Cat. No. STR-HM002

Description

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|-------------------------|---|
| Source | Recombinant Human SSTR2 Protein-VLP is expressed from HEK293. It contains Met1-Ile369. |
| Accession | P30874-1 |
| Molecular Weight | The target 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

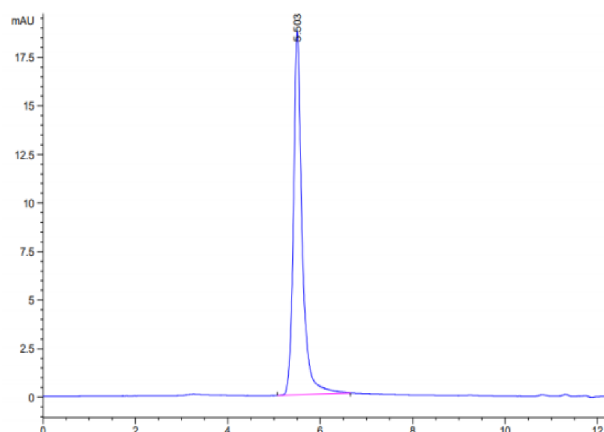
| | |
|--------------------|--|
| Formulation | Supplied as 0.22µm filtered solution in PBS, 300mM L-Arginine (pH 7.4). Notice: If you need it for immunization, Do Not use any adjuvant. |
| Storage | Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please 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

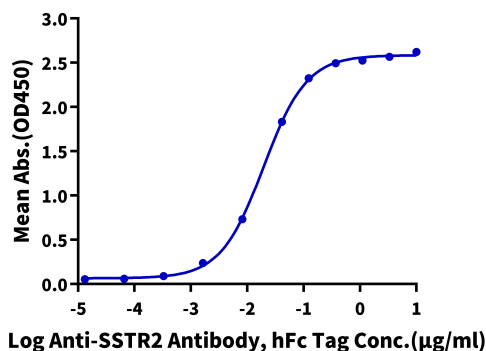
SEC-HPLC



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 19.6ng/ml determined by ELISA.