Human SSTR2 Protein-VLP

Cat. No. STR-HM002

Description

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

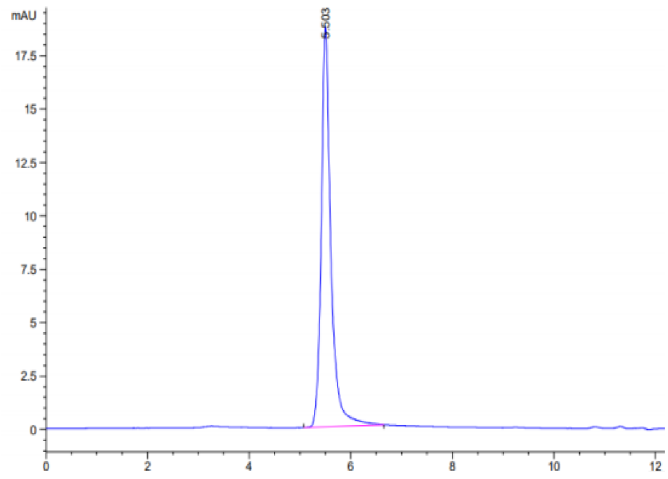
Formulation	Supplied as 0.22μm filtered solution in PBS, 300mM L-Arginine (pH 7.4). Notice: If you need it for immunization, water-soluble adjuvant is recommended.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal 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

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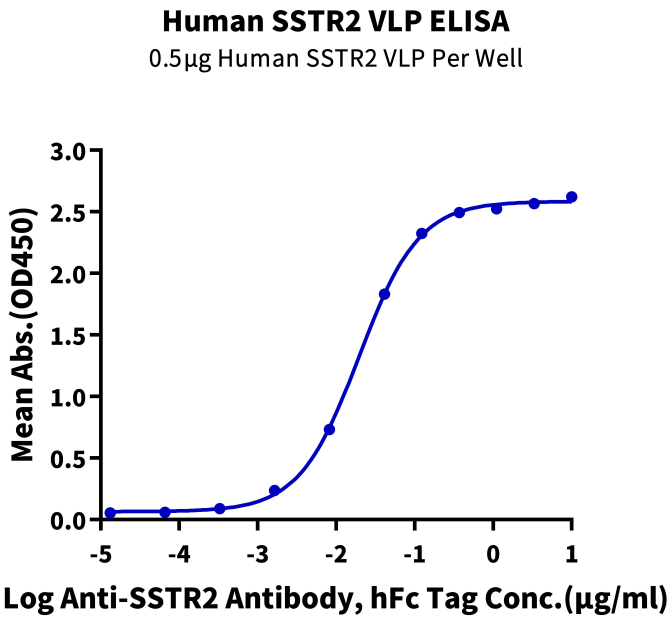
Assay Data



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.