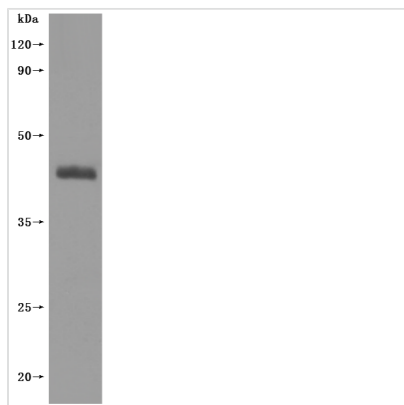


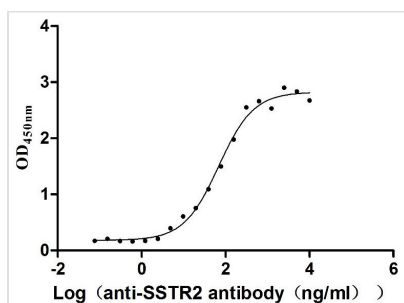


# Recombinant Human Somatostatin receptor type 2 (SSTR2)-VLPs (Active)

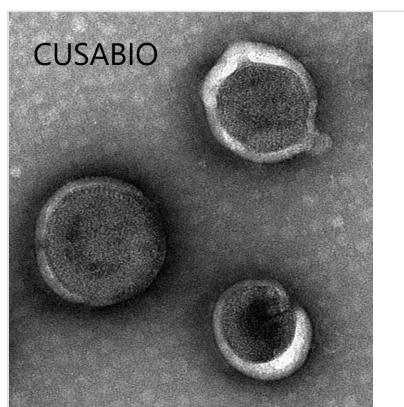
<b>Product Code</b>	CSB-MP022725HU
<b>Abbreviation</b>	Recombinant Human SSTR2 protein-VLPs (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P30874
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	①Measured by its binding ability in a functional ELISA. Immobilized Human SSTR2 at 10 μg/mL can bind Anti-SSTR2 recombinant antibody (CSB-RA022725MA01HU), the EC <sub>50</sub> is 58.13-81.28 ng/mL.②Blocking experiment on Anti-SSTR2 antibody (CSB-RA022725MA01HU) between Human SSTR2-VLPs protein and CT26/Human SSTR2 Stable Cells (CSB-SC022725HU) by Flow cytometry.
<b>Sequence</b>	MDMADEPLNGSHTWLSIPFDLNGSVVSTNTSNQTEPYD LTSNAVLTFIYFVV CIIGLCGNTLVIIYVILRYAKMKTITNIYILNLAIAD ELMGLPFLAMQVALVHWP GKAICRVVMTVDGINQFTSIFCLTVMSIDRYLAVVHPIKSAKWRRPRTAKMITM AVWGVSLLVILPIMIIYAGLRSNQWGRSSCTINWPGESGAWYTGFIYTFILGFLV PLTIICLCYLFIIKVKSSGIRVGSSKRKKSEKKVTRMVSIVVAVFIFCWLPFYIFNV SSVSMASPTPALKGMFDFVVVLTYSANSCANPILYAFLSDNFKKS FQNVLCLVK VSGTDDGERSDSKQDKSRLNETTETQRTLLNGDLQTSI
<b>Source</b>	Mammalian cell
<b>Target Names</b>	SSTR2
<b>Expression Region</b>	1-369aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal 6xHis-tagged (This tag can be tested only under denaturing conditions)
<b>Mol. Weight</b>	42.5 kDa
<b>Protein Length</b>	Full Length
<b>Image</b>	



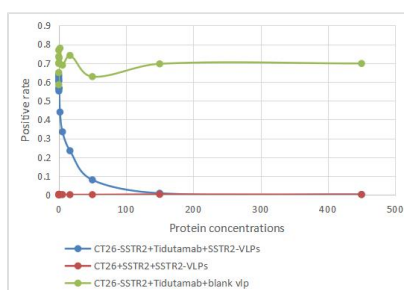
CSB-MP022725HU is detected by Mouse anti-6\*His monoclonal antibody.



**Activity**  
 Measured by its binding ability in a functional ELISA. Immobilized Human SSTR2 at 10 µg/ml can bind Anti-SSTR2 recombinant antibody (CSB-RA022725MA01HU), the EC<sub>50</sub> is 58.13-81.28 ng/mL.



The presence of VLP-like structures was confirmed by TEM



Blocking experiment on Anti-SSTR2 antibody (CSB-RA022725MA01HU) between Human SSTR2-VLPs protein and CT26/Human SSTR2 Stable Cells (CSB-SC022725HU) by Flow cytometry.

### Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients,



storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.