

Active Recombinant Human SSTR2 Full Length Transmembrane protein, His-tagged

Cat. No. SSTR2-1031H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SSTR2 protein(P30874)(1-369aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-369aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human SSTR2 at 10 µg/mL can bind Anti-SSTR2 recombinant antibody, the EC50 is 58.13-81.28 ng/mL. Blocking experiment on Anti-SSTR2 antibody between Human SSTR2-VLPs protein and CT26/Human SSTR2 Stable Cells by Flow cytometry.
Molecular Mass	42.5 kDa
AA Sequence	MDMADEPLNGSHTWLSIPFDLNGSVVSTNTSNQTEPYDILTNAVLTFIYFVVCIIGL CGNTLVIYVILRYAKMKTITNIYILNLAIADLFLMLGLPFLAMQVALVHWPFKGAICRVV MTVDGINQFTSIFCLTVMSIDRYLAVVHPIKSAKWRRPRTAKMITMAVWGVSLLVILPI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIYAGLRSNQWGRSSCTINWPGESGAWYTGFIYTFILGFLVPLTIICLCYLFIIIKVKSS
 GIRVGSSKRKKSEKKVTRMVSIVVAVFIFCWLPFYIFNVSSVSMASPTPALKGMFDF
 VVVLTYANSCANPILYAFLSDNFKKSFQNVLCLVKVSGTDDGERSDSKQDKSRLNET
 TETQRTLLNGDLQTSI

Endotoxin

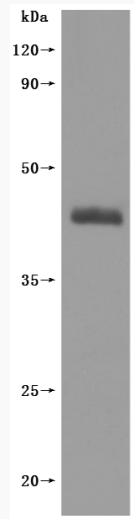
Less than 1.0 EU/ug as determined by LAL method.

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

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.

SDS-PAGE


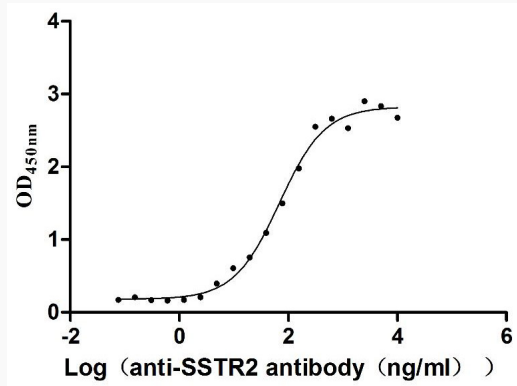
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