Active GMP Recombinant Human VSIR protein

Cat. No. VSIR-303HG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human VSIR protein(NP_071436.1)(116 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding B7-H5(GenBank: AAH20568.1) was expressed with His tag at the C-terminal.
Form	Freeze-dried powder contains Sterile PBS (pH 7.4) with 6% mannitol.
Bio-activity	The activity of ED50 is determined by measuring its ability to inhibit the secretion of IL-2 induced by anti-CD3 monoclonal antibody in human T lymphocytes, and the ED50 of this effect is 1-6ug/mL
Molecular Mass	Recombinant Human B7-H5 protein contains 116 aa. It has a predicted MW of 19.8 kDa.
Endotoxin	<0.1EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved

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	liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	VSIR V-set immunoregulatory receptor [Homo sapiens (human)]
Official Symbol	VSIR
Synonyms	B7-H5; SISP1; Gi24; VISTA
Gene ID	64115
mRNA Refseq	NM_022153.2
Protein Refseq	NP_071436.1
MIM	615608
UniProt ID	Q9H7M9

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