

Recombinant Human VSIR Protein, Fc-Avi-tagged, Biotinylated

Cat. No. VSIR-839H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Human B7-H5 Protein, Fc Tag is expressed from HEK293 cells. It contains AA Phe 33 - Ala 194 (Accession # AAH20568.1). This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag.
Species	Human
Source	HEK293
ProteinLength	33-194 a.a.
Predicted N Terminal	Phe 33
Form	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, pH7.5, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 47.1 kDa. The protein migrates as 55-66 kDa under reducing condition (SDS-PAGE) due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin. The biotin to protein ratio is 0.6-1 as determined by the HABA assay.

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Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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.
Conjugation	Biotin
GENE INFORMATION	
Official Symbol	VSIR
Synonyms	B7-H5, SISP1, Gi24, VISTA

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