

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

Cat. No. VSIR-838H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Human B7-H5 is expressed from HEK293 cells. It contains AA Phe 33 - Ala 194 (Accession # AAH20568.1). This protein carries an Avi tag at the C-terminus, followed by a polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	33-194 a.a.
Predicted N Terminal	Phe 33
Form	Lyophilized from 0.22 um filtered solution in PBS, pH7.4, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 20.8 kDa. As a result of glycosylation, the protein migrates as 35-45 kDa under reducing condition, and 35-45 kDa under non-reducing condition (SDS-PAGE).
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

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ratio is 0.5-1 as determined by the HABA assay.

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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