

Recombinant Human B7-H5/Gi24/VISTA Protein

Catalog No.: RP01023 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	64115	AAH20568.1

Tags

C-hFc&His

Synonyms

VSIR;B7-H5;B7H5;C10orf54;DD1alpha;Gi24;PD-1H;PP2135;SISP1;VISTA

Product Information

Source	Purification
HEK293 cells	> 97% by SDS-PAGE.

Calculated MW	Observed MW
44.92 kDa	65-75 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

V-type immunoglobulin domain-containing suppressor of T-cell activation (VISTA) also known as platelet receptor Gi24, stress-induced secreted protein-1 (Sisp-1) and B7

Basic Information

Description

Recombinant Human B7-H5/Gi24/VISTA Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Phe33-Ala194) of human VISTA/B7-H5/PD-1H (Accession #AAH20568.1) fused with an Fc, 6×His tag at the C-terminus.

Bio-Activity

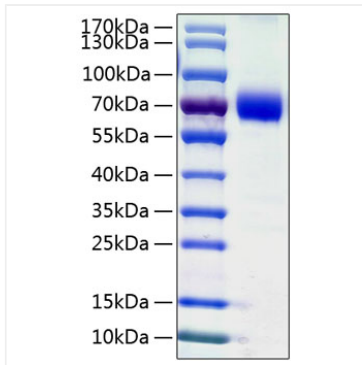
Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

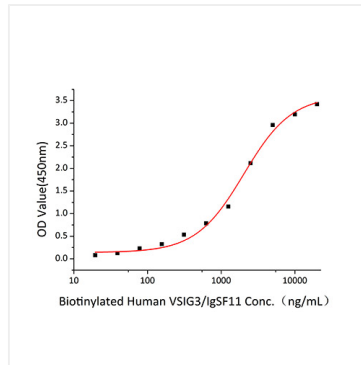
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

Validation Data



Recombinant Human B7-H5/Gi24/VISTA Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 68-75 kDa.



Immobilized Human VISTA Protein at 5 μ g/mL (100 μ L/well) can bind Biotinylated Human VSIG3/IgSF11 with a linear range of 0.02-2.03 μ g/mL.