

# 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 ≥ 95 % as

determined by SDS-

PAGE.

# Calculated MW Observed MW

44.92 kDa 65-75 kDa

#### **Endotoxin**

< 0.1 EU/ $\mu$ g 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 stablizer (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**

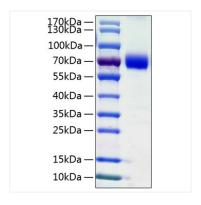
#### Storage

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

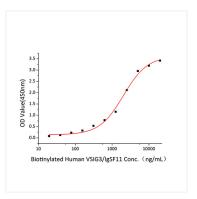
After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Avoid repeated freeze/thaw cycles.

# **Validation Data**



Recombinant Human B7-H5/Gi24/VISTA Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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