

Recombinant Human B7-H5/Gi24/VISTA Protein

Catalog No.: RP02013 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	64115	Q9H7M9

Tags

C-His

Synonyms

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

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin

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

Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

B7-H5, also known as VISTA, B7H5, Dies1, SISP1 and C10orf54, is a 55-65 kDa member of the Ig superfamily. It is a transmembrane molecule expressed in bone, on embryonic stem cells (ESCs), and on tumor cell surfaces.

Basic Information

Description

Recombinant Human Fc gamma RIIB /CD32b Protein is produced by mammalian expression system. The target protein is expressed with sequence (Met1-Ala194) of human B7-H5 (Accession #Q9H7M9) fused with a 6xHis tag at the C-terminus.

Bio-Activity

Immobilized Human B7H5 at 0.5 μg/mL (100 μL/well), dose response curve for Anti-B7H5 Ab with the EC₅₀ of 34.2 ng/mL determined by ELISA.

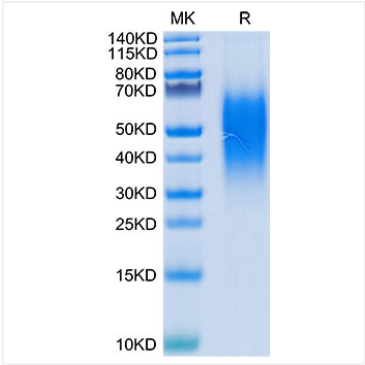
Storage

Store the lyophilized protein at -20°C to -80 °C for long term. 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.

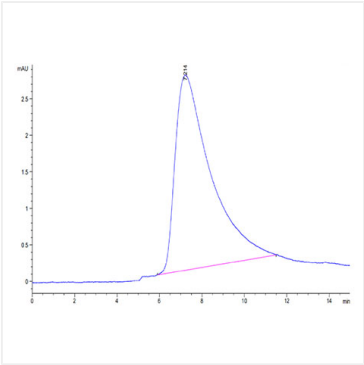
Contact

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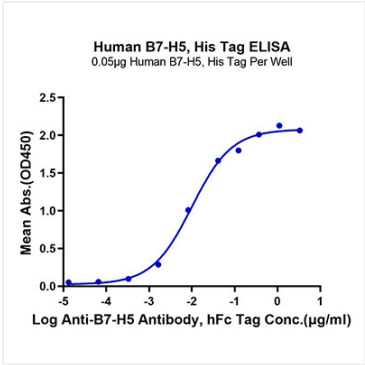
Validation Data



Human B7-H5 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Human B7-H5 is greater than 95% as determined by SEC-HPLC.



Immobilized Human B7-H5, His Tag at 0.5μg/ml (100μl/well) on the plate. Dose response curve for Anti-B7-H5 Antibody, hFc Tag with the EC₅₀ of 10.0ng/ml determined by ELISA.