

RP00304

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Recombinant Human B7-H5/Gi24/VISTA Protein

Catalog No.: RP00304

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	64115	Q9H7M9

Tags

C-His

Synonyms

B7H5; B7-H5; VISTA; VSIR ; PD1H;
PD-1H; 4632428N05Rik; C10orf54;
Dies1; Gi24; PP2135; SISP1

Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE ; > 95% by HPLC

Endotoxin

< 1 EU/μg of the protein by LAL
method

Formulation

Lyophilized from 0.22 μm filtered
solution in PBS (pH 7.4). Normally 8%
trehalose is added as protectant
before lyophilization.

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.

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 B7-H5/Gi24/VISTA Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Phe33-Ala194) of Human B7-H5/Gi24/VISTA (Accession #Q9H7M9) fused with a C-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.

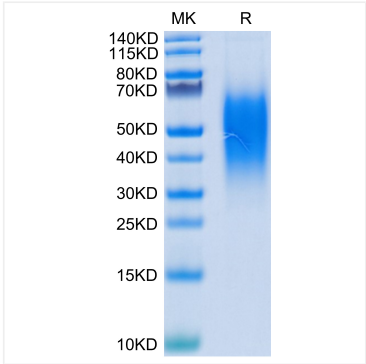
Contact



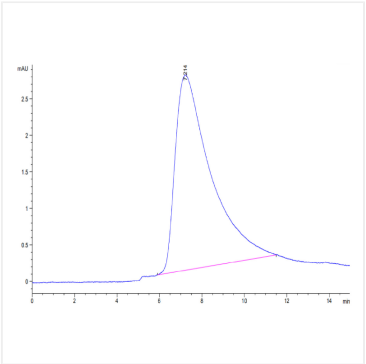
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* For your safety and health, please wear a lab coat and disposable gloves when handling.

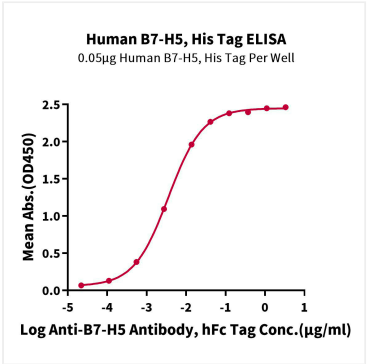
Validation Data



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 0.5 μg/mL (100 μL/well) on the plate. Dose response curve for Anti-B7-H5 Antibody, hFc Tag with the EC₅₀ of 3.6ng/mL determined by ELISA.