

Recombinant Human B7-H5/Gi24/VSIR Protein (Fc Tag)

Catalog No. PKSH032903

Note: Centrifuge before opening to ensure complete recovery of vial contents.

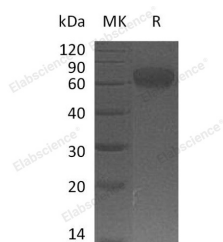
Description

Synonyms	Platelet receptor Gi24;Stress-induced secreted protein-1;Sisp-1;C10orf54;SISP1
Species	Human
Expression Host	HEK293 Cells
Sequence	Phe33-Ala194
Accession	AAH20568.1
Calculated Molecular Weight	45.3 kDa
Observed molecular weight	64 kDa
Tag	C-Fc
Bioactivity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

platelet receptor Gi24 is a single-pass type I membrane protein; and located at the cell surface. The protein can be cleaved by MMP14; and stimulate MMP14-mediated MMP2 activation. It is participated in the BMP signaling pathway. It also

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regulates the CD4-positive; alpha-beta T cell proliferation; and T cell cytokine production negatively. However; the protein can regulate stem cell differentiation positively.