

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

Catalog Number: PKSH033565

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

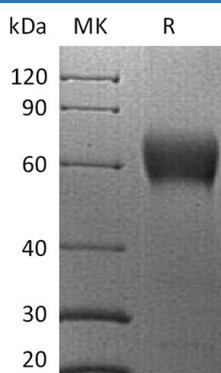
Description

| | |
|----------------------|---|
| Species | Human |
| Source | HEK293 Cells-derived Human B7-H5/Gi24/VSIR protein Phe33-Ala194, with an C-terminal mFc |
| Calculated MW | 44.8 kDa |
| Observed MW | 55-88 kDa |
| Accession | AAH20568.1 |
| Bio-activity | 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% Tween 80 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 regulates the CD4-positive; alpha-beta T cell proliferation; and T cell cytokine production negatively. However; the protein can regulate stem cell differentiation positively.

For Research Use Only