

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

Catalog Number: PDMH100367

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

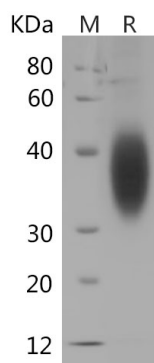
Description

| | |
|---------------------|------------------------------------------------------------------------------------------|
| Species | Human |
| Source | HEK293 Cells-derived Human B7-H5 protein Phe33-Ala194(Asp187Glu), with an C-terminal His |
| Mol_Mass | 19.2 kDa |
| Accession | Q9H7M9 |
| Bio-activity | Not validated for activity |

Properties

| | |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purity | > 95% as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU/mg 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 in PBS with 5% Trehalose and 5% Mannitol. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis. |

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