

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



Catalog Number: PDMH100021

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

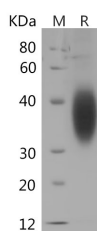
## Description

|                                    |  |
|------------------------------------|--|
| <b>Synonyms</b>                    | Platelet receptor Gi24; Stress-induced secreted protein-1; Sisp-1; C10orf54; SISP1 |
| <b>Species</b>                     | Human  |
| <b>Expression Host</b>             | HEK293 Cells   |
| <b>Sequence</b>                    | Phe33-Ala194(Asp187Glu)  |
| <b>Accession</b>                   | Q9H7M9   |
| <b>Calculated Molecular Weight</b> | 19.2 kDa   |
| <b>Observed molecular weight</b>   | 30-50 kDa  |
| <b>Tag</b>                         | C-His  |

## Properties

|                       |   |
|-----------------------|---|
| <b>Purity</b>         | > 95 % as determined by reducing SDS-PAGE.  |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.   |
| <b>Storage</b>        | 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. |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.   |
| <b>Formulation</b>    | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the printed manual.          |
| <b>Reconstitution</b> | 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

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