



Recombinant Protein Technical Manual

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

RPES0517

Product Data:

Product SKU: RPES0517

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q9H7M9

Protein Information:

Molecular Mass: 44.8 kDa

AP Molecular Mass: 55-88 kDa

Tag: C-mFc

Bio-activity:

Purity: > 95% as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°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.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Platelet receptor Gi24;Stress-induced secreted protein;Sisp;C10orf54;SISP1

Immunogen Information:

Sequence: Phe33-Ala194(Asp187Glu)

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.