Recombinant Cynomolgus VSIR Protein (His Tag)

Catalog Number: PKS Q050016



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 Cynomolgus macaques

Expression Host HEK293 Cells
Sequence Phe33-Ala194
Accession A0A2K5UV12
Calculated Molecular Weight 19.2 kDa
Observed molecular weight 30-50 kDa
Tag C-His

Properties

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

Endotoxin $< 1.0 \text{ EU per } \mu \text{g of the protein as determined by the LAL method.}$

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.

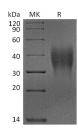
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

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

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