



Recombinant Protein Technical Manual

Recombinant Human PF4V1 Protein (Fc Tag)

RPES2593

Product Data:

Product SKU: RPES2593

Size: 20µg

Species: Human

Expression host: HEK293 Cells

Uniprot: NP_002611.1

Protein Information:

Molecular Mass: 34.6 kDa

AP Molecular Mass:

Tag: C-Fc

Bio-activity:

Purity: > 85 % as determined by reducing SDS-PAGE.

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

Storage: 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 sterile PBS, pH 7.4

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

Application:

Synonyms: CXCL4L1;CXCL4V1;PF4-ALT;PF4A;SCYB4V1

Immunogen Information:

Sequence: Met 1-Ser104

Background:

The protein encoded by this gene is a chemokine that is highly similar to platelet factor 4. The encoded protein displays a strong antiangiogenic function and is regulated by chemokine (C-X-C motif) receptor 3. This protein also impairs tumor growth and can protect against blood-retinal barrier breakdown in diabetes patients.