



Recombinant Protein Technical Manual

Recombinant Mouse CD16-2/FCGR4 Protein (His Tag)(Active)
RPES4001

Product Data:

Product SKU: RPES4001

Size: 50µg

Species: Mouse

Expression host: HEK293 Cells

Uniprot: NP_653142.2

Protein Information:

Molecular Mass: 22.4 kDa

AP Molecular Mass: 25-35 kDa

Tag: C-His

Bio-activity: Measured by its binding ability in a functional ELISA. Immobilized mouse FCGR4 at 10 µg/ml (100 µl/well) can bind recombinant human IgG1 (Fc) . The EC50 of human IgG1 (Fc) is 0.11-0.25 µg/ml.

Purity: > 95 % as determined by 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: Functional ELISA

Synonyms: Low Affinity Immunoglobulin Gamma Fc Region Receptor
IV;FcγR4;4833442P21Rik;CD16-2;FcγRIV;FcγR3a;FcγRIV;Fcrl3

Immunogen Information:

Sequence: Met 1-Gln 203

Background: