

Mouse CD16-2 / FCGR4 Protein (His & AVI Tag)

Catalog Number: 50036-M27H



Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

CD16-2; 4833442P21Rik; CD16-2; FcgammaRIV; Fcgr3a; FcgRIV; Fcrl3

Protein Construction:

The amino acid sequence corresponding to (Met 1-Gln 203) of mouse FCGR4 (NP_653142.2) was fused with a c-terminal polyhistidine tagged AVI tag at the C-terminus.

Source: Mouse

Expression Host: Human Cells

QC Testing

Purity: > 97 % as determined by SDS-PAGE

Bio Activity:

Measured by its binding ability in a functional ELISA. Immobilized mouse CD16-2-AVI-His (cat:50036-M27H) at 10 µg/ml (100 µl/well) can bind recombinant human IgG1 (Fc) (Cat:10702-HNAC). The EC_{50} of human IgG1 (Fc) (Cat:10702-HNAC) is 0.34-0.78 µg/ml.

Endotoxin:

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

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Glu 19

Molecular Mass:

The recombinant mouse FCGR4 consists of 214 amino acids and has a predicted molecular mass of 24.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rmFCGR4 is approximately 25-35 kDa due to glycosylation.

Formulation:

Lyophilized from sterile PBS, pH 7.4

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

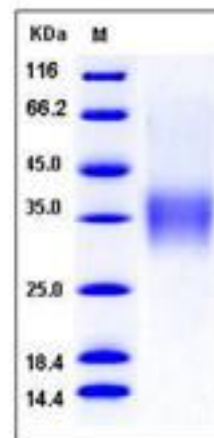
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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