

Mouse CD23/FCER2 (His Tag) recombinant protein



Catalog Number: 500051

General Information

Gene Name Synonym

Fc-epsilon-RII; Lymphocyte IgE receptor

Protein Construction

A DNA sequence encoding the extracellular domain of mouse FCER2A isoform A (P20693-1) (Glu 51-Pro 331) was fused with a polyhistidine tag at the N-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Purity

> 92 % as determined by SDS-PAGE

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

His

Molecular Mass

The recombinant mouse FCER2A comprises 301 amino acids and predicts a molecular mass of 34.3 kDa. As a result of glycosylation, the apparent molecular mass of mouse FCER2A is approximately 40-45 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

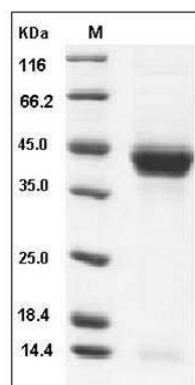
Storage

Store it under sterile conditions at -20°C to -80°C . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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