# 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  $\mu g$  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**

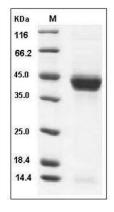
## **Storage**

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**



Mouse CD23 / FCER2 Protein (His Tag) SDS-PAGE