Recombinant Mouse Fcer2a protein, His-tagged

Cat. No. Fcer2a-6930M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fcer2a protein(P20693-1)(Glu51-Pro331), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Glu51-Pro331
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C 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.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Fcer2a Fc receptor, IgE, low affinity II, alpha polypeptide [Mus musculus]
Official Symbol	Fcer2a
Synonyms	FCER2A; Fc receptor, IgE, low affinity II, alpha polypeptide; low affinity immunoglobulin epsilon Fc receptor; FC epsilon RII; fc-epsilon-RII; lymphocyte IgE receptor; low-affinity IgE receptor; CD23; Fce2; Fcer2; Ly-42;
Gene ID	14128
mRNA Refseq	NM_001253737
Protein Refseq	NP_001240666

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