

## Recombinant Rat FCER2 protein(Glu50-Pro331), hFc-tagged

**Cat. No.** FCER2-343R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat FCER2 (Q6AZ45) (Glu50-Pro331) was expressed in HEK293 with Fc region of Human IgG1 at the N-terminus.
<b>Source</b>	HEK293
<b>Species</b>	Rat
<b>Tag</b>	N-hFc
<b>Protein length</b>	Glu50-Pro331
<b>Form</b>	Lyophilized from sterile PBS, PH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat FCER2 comprises 542 amino acids and predicts a molecular mass of 60.2 kDa. The apparent molecular mass of the recombinant protein is approximately 61 kDa in SDS-PAGE under reducing conditions due to glycosylation.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	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** Fcer2 Fc fragment of IgE, low affinity II, receptor for (CD23) [ *Rattus norvegicus* ]

**Official Symbol** FCER2

**Synonyms** FCER2; Fc fragment of IgE, low affinity II, receptor for (CD23); Fc receptor, IgE, low affinity II, alpha polypeptide; Fcalpha RII; Fcalpha muR; Fc receptor alpha multiple ligand receptor; CD23; Fcer2a; MGC93219;

**Gene ID** 171075

**mRNA Refseq** NM\_001033924

**Protein Refseq** NP\_001029096

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