

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

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

SPECIFICATION

Product Overview	Recombinant Rat FCER2 (Q6AZ45) (Glu50-Pro331) was expressed in HEK293 with Fc region of Human IgG1 at the N-terminus.
Species	Rat
Source	HEK293
ProteinLength	Glu50-Pro331
Form	Lyophilized from sterile PBS, PH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 90 % 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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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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