

## Recombinant Rat Fc $\epsilon$ 2 Protein, His-tagged

**Cat. No.** Fcer2-664R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Rat Fc $\epsilon$ 2 Protein (Glu50-Pro331) with His tag was expressed in 293F.   |
| <b>Species</b>          | Rat  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | Glu50-Pro331   |
| <b>Description</b>      | Predicted to enable carbohydrate binding activity. Predicted to be involved in positive regulation of killing of cells of other organism; positive regulation of nitric-oxide synthase activity; and positive regulation of nitric-oxide synthase biosynthetic process. Predicted to act upstream of or within positive regulation of humoral immune response mediated by circulating immunoglobulin. Predicted to be integral component of membrane. Predicted to be active in external side of plasma membrane. Orthologous to human FCER2 (Fc fragment of IgE receptor II). |
| <b>Form</b>             | Freeze-dried powder  |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 33.4 kDa; Accurate Molecular Mass: 44 kDa  |
| <b>Purity</b>           | > 90%  |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.   |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by   |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

Fcer2 Fc epsilon receptor II [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Fcer2

**Synonyms**

Fcer2; Fc epsilon receptor II; CD23; Fcer2a; low affinity immunoglobulin epsilon Fc receptor; Fc fragment of IgE receptor II; Fc fragment of IgE, low affinity II, receptor for (CD23); Fc receptor alpha multiple ligand receptor; Fc receptor, IgE, low affinity II, alpha polypeptide; Fcalpha RII; Fcalpha muR

**Gene ID**

171075

**mRNA Refseq**

NM\_133550

**Protein Refseq**

NP\_598234

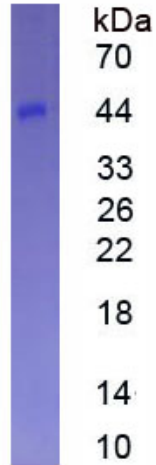
**UniProt ID**

Q6AZ45

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



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

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA