

Recombinant Rat FcεR2 Protein, His-tagged

Cat. No. FcεR2-664R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat FcεR2 Protein (Glu50-Pro331) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Glu50-Pro331
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.4 kDa; Accurate Molecular Mass: 44 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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

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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

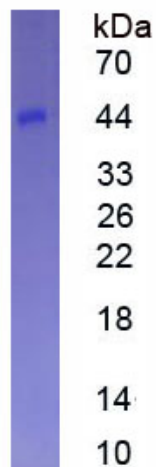
UniProt ID

Q6AZ45

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