

Recombinant Rat Fc ϵ 2 Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. FCER2-343RAF488 **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------------------|---|
| Product Overview | Alexa Fluor 488 conjugated recombinant Rat Fc ϵ 2 (Q6AZ45) (Glu50-Pro331), fused with the Fc region of human IgG1 at the N-terminus, was produced in Human Cells. |
| Species | Rat |
| Source | HEK293 |
| ProteinLength | 542 |
| Form | Lyophilized |
| 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. |
| N-terminal Sequence Analysis | Glu |
| Endotoxin | < 1.0 EU/ μ g of the protein as determined by the LAL method. |
| Purity | > 90 % as determined by SDS-PAGE |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines |

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

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

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

| | |
|-----------------------|---|
| | Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |
| Stability | Samples are stable for up to 12 months from date of receipt at -70 centigrade. |
| Storage | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| Storage Buffer | Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| Conjugation | Alexa Fluor 488 |

GENE INFORMATION

| | |
|------------------------|--|
| Gene Name | Fcεr2 Fc fragment of IgE, low affinity II, receptor for (CD23) [Rattus norvegicus] |
| Official Symbol | Fcεr2 |
| Gene ID | 171075 |
| mRNA Refseq | NM_001033924 |
| Protein Refseq | NP_001029096 |

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

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

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