Recombinant Rat Fcer2 Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. FCER2-343RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant Rat Fcer2 (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/ μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 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

	With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.
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 555

GENE INFORMATION

Gene Name	Fcer2 Fc fragment of IgE, low affinity II, receptor for (CD23) [Rattus norvegicus]
Official Symbol	Fcer2
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