

## Active Recombinant Mouse Fcgrt, His-tagged

Cat. No. Fcgrt-291M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Fcgrt (Accession # AAH03786) Ser22-Val301, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Mouse
<b>Source</b>	Mammalian Cells
<b>ProteinLength</b>	22-301 a.a.
<b>Predicted N Terminal</b>	Ser22
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS, NaCl and Triton
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. When Recombinant Mouse FCRN is immobilized at 0.5 µg/mL (100 µ/well), the concentration of human IgG that produces 50% of the optimal binding response is found to be approximately 2 - 10 µg/mL.
<b>Molecular Mass</b>	Recombinant Mouse Fcgrt, His-tagged has a calculated MW of 32.3 kDa. In SDS-PAGE migrates as 45-47 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 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

months (-70°C).

## GENE INFORMATION

<b>Gene Name</b>	Fcgrt Fc receptor, IgG, alpha chain transporter [ <i>Mus musculus</i> ]
<b>Official Symbol</b>	Fcgrt
<b>Synonyms</b>	FCGRT; Fc receptor, IgG, alpha chain transporter; IgG receptor FcRn large subunit p51; neonatal Fc receptor; igG Fc fragment receptor transporter alpha chain; FcRn;
<b>Gene ID</b>	14132
<b>mRNA Refseq</b>	NM_010189
<b>Protein Refseq</b>	NP_034319
<b>MIM</b>	

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