

Active Recombinant Mouse Fcgrt, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Fcgrt (Accession # AAH03786) Ser22-Val301, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	22-301 a.a.
Predicted N Terminal	Ser22
Form	Lyophilized from a 0.2 µm filtered solution in PBS, NaCl and Triton
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse FCRN is immobilized at 0.5 µg/mL (100 µL/well), the concentration of human IgG that produces 50% of the optimal binding response is found to be approximately 2 - 10 µg/mL.
Molecular Mass	Recombinant Mouse Fcgrt, His-tagged has a calculated MW of 32.3 kDa. In SDS-PAGE migrates as 45-47 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	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  Fax: 1-631-938-8127

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

months (-70°C).

GENE INFORMATION

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

 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