

Active Recombinant Mouse Fcgr1 Protein, His-tagged

Cat. No. Fcgr1-2279M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse Fcgr1 Protein(P26151-1)(Glu25-Pro297) is expressed from HEK293 with His tag at the C-Terminus.
Species	Mouse
Source	HEK293
ProteinLength	25-297 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Loaded Trastuzumab, hFc Tag on ProA-Biosensor can bind Mouse Fc gamma RI, His Tag with an affinity constant of 56.70 nM as determined in BLI assay .
Molecular Mass	The protein has a predicted MW of 31.5 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name Fcgr1 Fc receptor, IgG, high affinity I [*Mus musculus*]

Official Symbol Fcgr1

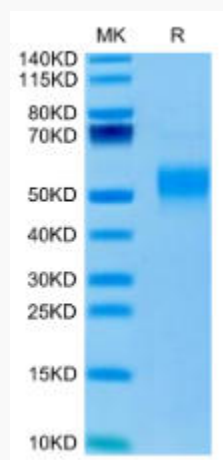
Synonyms FCGR1; Fc receptor, IgG, high affinity I; high affinity immunoglobulin gamma Fc receptor I; fcRI; fc-gamma RI; igG Fc receptor I; IgG high affinity Fc receptor; CD64; IGGHAFC; AI323638; AV092959; FcgammaRI;

Gene ID 14129

mRNA Refseq NM_010186

Protein Refseq NP_034316

Bis-Tris PAGE

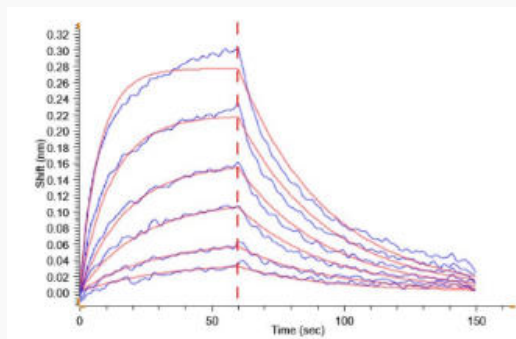


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BLI Data



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