

Active Recombinant Mouse Fcgr2b protein, His-tagged

Cat. No. Fcgr2b-648M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse Fcgr2b protein(NP_001070657.1)(Thr40-Arg217) is expressed from HEK293 with His tag at the C-Terminus.
Species	Mouse
Source	HEK293
ProteinLength	40-217 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	OKT3 captured on CM5 Chip via Protein A can bind Mouse Fc gamma RIIB, His Tag with an affinity constant of 0.280 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 21.4 kDa. Due to glycosylation, the protein migrates to 42-52 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 > 90% 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 [Fcgr2b Fc receptor, IgG, low affinity IIb \[Mus musculus \]](#)

Official Symbol [Fcgr2b](#)

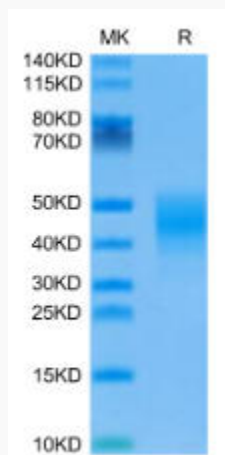
Synonyms FCGR2B; Fc receptor, IgG, low affinity IIb; low affinity immunoglobulin gamma Fc region receptor II-b; fcRII; FcgammaRIIB; Fc-gamma-RII; fc-gamma RII; Fc gamma RIIB; fc-gamma-RIIB; fc gamma receptor IIb; lymphocyte antigen 17; igG Fc receptor II beta; low affinity immunoglobulin gamma Fc region receptor II; CD32; Fcgr2; Fcr-2; Fcr-3; Ly-17; LyM-1; Lym-1; FcgRII; Fcgr2a; Ly-m20; AI528646; Fc[g]RII; F630109E10Rik;

Gene ID [14130](#)

mRNA Refseq [NM_001077189](#)

Protein Refseq [NP_001070657](#)

Bis-Tris PAGE

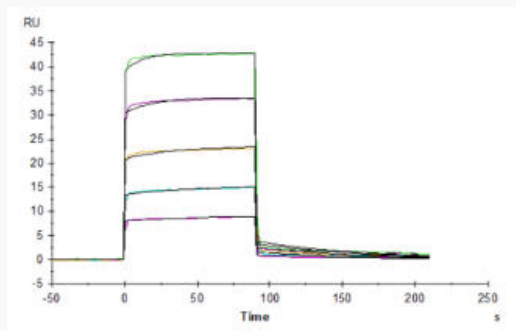


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SPR Data



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