

# Active Recombinant Mouse Fcgr2b protein(Met1-Arg217), His&Avi-tagged, Biotinylated

Cat. No. Fcgr2b-2968M Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Mouse FGGR2B (NP_001070657.1)(Met 1-Arg 217) was expressed in HEK293, fused with a c-terminal polyhistidine tagged AVI tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Arg217
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	1. Measured by its ability to bind human IgG1 in a functional ELISA. 2. Loaded Biotinylated Mouse FcγRIIB / CD32b recombinant protein (His & Avi Tag) on SA Biosensor, can bind Bevacizumab (IgG1) with an affinity constant of 0.04 μM as determined in a BLI assay (ForteBio Octet Red384).
<b>Molecular Mass</b>	The secreted recombinant mouse FGGR2B consists of 212 amino acids and has a predicted molecular mass of 23.9 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rm FGGR2B is approximately 38-43 kDa due to glycosylation.

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<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 95 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Fcgr2b Fc receptor, IgG, low affinity IIb [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">Fcgr2b</a>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">14130</a>
<b>mRNA Refseq</b>	<a href="#">NM_001077189</a>
<b>Protein Refseq</b>	<a href="#">NP_001070657</a>

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