

Active Recombinant Mouse FCGR2B protein, Avi-His-tagged, Biotinylated

Cat. No. FCGR2B-1441M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse FCGR2B protein(Thr40-Arg217), fused with Avi and His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	40-217 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4.
Bio-activity	Loaded Biotinylated Mouse CD32b, Avitag,His Tag on SA Biosensor, can bind MabThera (Rituximab) with an affinity constant of 2.5 µM as determined in BLI assay (ForteBio Octet Red96e).
Molecular Mass	This protein carries an Avi tag (Avitag™) at the C-terminus, followed by a polyhistidine tag.The protein has a calculated MW of 24.0 kDa. The protein migrates as 38-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Thr40-Arg217
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	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.
Conjugation	Biotin

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

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