

CD32B/Fcgr2b Recombinant Protein | FCGR2B recombinant protein

CD32B/Fcgr2b Protein, Mouse, Recombinant (His Tag)

CATALOG #
AAA257465

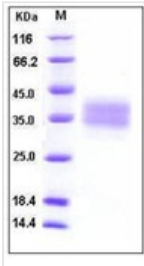
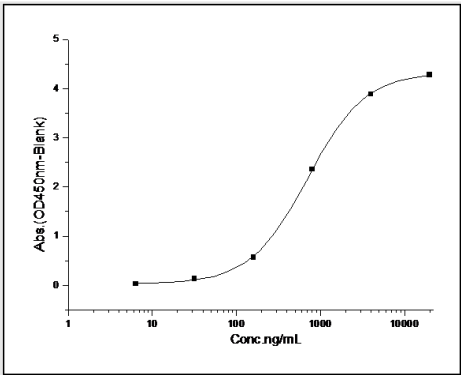
HOST
HEK293 Cells

PRODUCT SYNONYMS

CD32B/Fcgr2b; CD32B/Fcgr2b Protein; Mouse; Recombinant (His Tag); Mouse CD32/FCGR2B Protein (His Tag); Fc fragment of IgG; low affinity IIb; receptor (CD32); AI528646 Protein; CD32 Protein; F630109E10Rik Protein; Fcgr2 Protein; Fcgr2a Protein; FcgRII Protein; Fcr-2 Protein; Fcr-3 Protein; fcRII Protein; Fc[g]RII Protein; Ly-17 Protein; Ly-m20 Protein; LyM-1 Protein; FCGR2B recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>98 % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile PBS, pH7.4 Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Sequence Positions	189aa
Sequence	Met1-Arg21 7
Species	Mouse
Tag	C-His
Endotoxin	<1.0EU per ug of the protein as determined by the LAL method
Predicted N Terminal	Thr40
Protein Construction	JA DNA sequence encoding the extracellular domain (Met 1-Arg 217) of mouse FCGR2B (NP_001070657.1) precursor was expressed with a polyhistidine tag at the C-terminus
Activity	Measured by its binding ability in a functional ELISA. Immobilized mouse FCGR2B-His (CD32) (Cat:50030-M08H) at 10ug/ml (100ul/well) can bind biotinylated human IgG1. The EC50 of biotinylated human IgG1 is 0.13-0.29ug/ml.
Preparation and Storage	Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Shipping: They are shipped out with blue ice pack



Application Data

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Measured by its binding ability in a functional ELISA. Immobilized mouse FCGR2B-His (CD32) (Cat: 50030-M08H) at 10 ug/ml (100 ul/well) can bind biotinylated human IgG1, The EC50 of biotinylated human IgG1 is 0.13-0.29 ug/ml.

ADDITIONAL INFORMATION

Product Categories/Family for FCGR2B recombinant protein	Fc Receptors ITIM/ITAM Immunoreceptors and Related Molecules; B Cell Receptor Signaling Pathway
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116063579
NCBI GeneID	14130
NCBI Accession #	NP_001070657.1
NCBI GenBank Nucleotide #	NM_001077189.1
Molecular Weight	~ Da
NCBI Official Full Name	low affinity immunoglobulin gamma Fc region receptor II-b isoform 1
NCBI Official Synonym Full Names	Fc receptor, IgG, low affinity IIb
NCBI Official Symbol	Fcgr2b
NCBI Official Synonym Symbols	CD32; Fcgr2; Fcr-2; Fcr-3; Ly-17; LyM-1; Lym-1; fcRII; FcgRII; Fcgr2a; Ly-m20; A1528646; Fc[g]RII; F630109E10Rik
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-b

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.