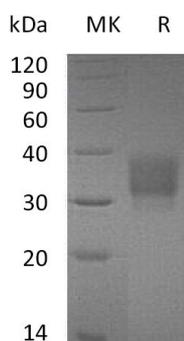


## Summary

<b>Name</b>	Fc gamma RIIB/CD32b/Low affinity immunoglobulin gamma Fc region receptor II
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Mouse Low Affinity Immunoglobulin Gamma Fc Region Receptor II is produced by our Mammalian expression system and the target gene encoding Thr30-Pro210 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	P08101
<b>Host</b>	Human Cells
<b>Species</b>	Mouse
<b>Predicted Molecular Mass</b>	21.6 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

**Product Name: Recombinant Mouse CD32b (C-6His)**  
**Catalog #: PHM1098**



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**Alternative Names**

Low affinity immunoglobulin gamma Fc region receptor II; Fc gamma receptor IIB; Fc-gamma RII; Fc-gamma-RIIB; FcRII; IgG Fc receptor II beta; Lymphocyte antigen 17; Ly-17; CD32; Fcgr2; Fcgr2b; Ly-17

**Background**

Low affinity immunoglobulin gamma Fc region receptor II (CD32B) is a single-pass type I membrane protein and contains 2 Ig-like C2-type (immunoglobulin-like) domains. The inhibitory CD32B is expressed on B cells and myeloid dendritic cells. Ligation of CD32B on B cells downregulates antibody production and may, in some circumstances, promote apoptosis. Co-ligation of CD32B on dendritic cells inhibits maturation and blocks cell activation. CD32B may also be a target for monoclonal antibody therapy for malignancies.

**Note**

For Research Use Only , Not for Diagnostic Use.