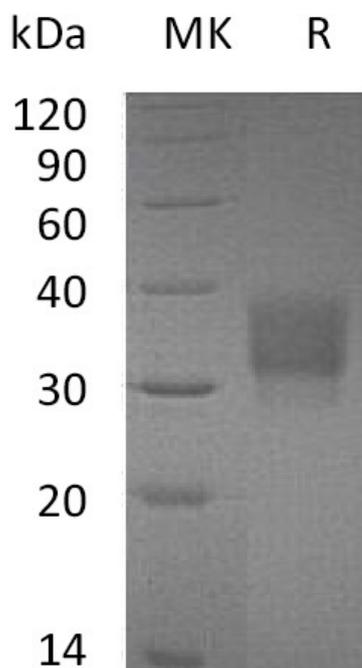


Summary

Name	Fc gamma RIIB/CD32b/Low affinity immunoglobulin gamma Fc region receptor II
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P08101
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	21.6 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	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.
Reconstitution	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

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



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.