

Mouse CD32b Protein (In Vivo Grade, Ultra-Low Endotoxin)

Product Code: ICH3026

More Information

Species Reactivity: Mouse

Target: Mouse CD32b Protein

Host: Human embryonic kidney (HEK) 293 cells

product name H2: Mouse CD32b Protein (In Vivo Grade, Ultra-Low Endotoxin)

UniProt: P08101

Shipping Conditions: Ambient

background: Mouse CD32b (FcγRIIb) is the key inhibitory Fc gamma receptor that dampens B-cell and myeloid responses, and it is frequently studied in murine models of antibody effector function and immune regulation. This recombinant mouse CD32b ectodomain is expressed in HEK 293 cells and validated for SPR, BLI and ELISA, offering a defined reagent for measuring Fc engagement and analysing inhibitory-receptor binding. Supplied for research use only in an in vivo grade, ultra-low-endotoxin format, it is produced in scalable milligram (mg) to gram (g) quantities, allowing bulk and high-throughput laboratories to characterize murine inhibitory Fc receptor interactions with reliable consistency.

Other names: CD32, CD32B, FCGR2, FCGR2B, FCGRII, FCGRIIB, FCR2, FCR2B, FCRII, FCRIIB, IGFR2, IGFR2B, IGFR2, IGFR2B, Fc gamma R2, Fc gamma R2b, Fc gamma RII, Fc gamma RIIb, Fcg R2, Fcg R2b, Fcg RII, Fcg RIIb

Specificity: The sequence of the extracellular domain of mouse CD32b (Leu 40-Ala 217) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag.



Formulation: Lyophilized from sterile PBS, pH 7.4. No preservatives or cryoprotectants have been added. To obtain a final concentration of 1 mg/ml reconstitute 0.25 mg vials with 0.25 ml water and 1.0 mg vials with 1.0 ml water.

Purity: >95% monomer purity as determined by SDS-PAGE and SEC-HPLC.

Endotoxin: 1.0 EU per mg as determined by the LAL method.

Storage: Lyophilized proteins are stable at ambient temperature for at least 2 weeks. If the protein is not to be used immediately then the protein should be stored in lyophilized form at -20 °C for up to 12 months. Once the protein has been reconstituted we recommend

Applications: SPR, BLI, ELISA

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.