

# Mouse CD32b Protein - Biotin

**Product Code:** ICH3026B

**More Information**

**Species Reactivity:** Mouse

**Target:** Mouse CD32b Protein

**Host:** Human embryonic kidney (HEK) 293 cells

**product name H2:** Mouse CD32b Protein - Biotin

**UniProt:** P08101

**Shipping Conditions:** Ambient

**background:** The inhibitory receptor mouse CD32b (FcγRIIb) sets a critical threshold on immune activation and is a common focus of preclinical Fc and immune-regulation studies. Provided as a biotinylated recombinant ectodomain from HEK 293 cells, this mouse CD32b protein is optimized for oriented streptavidin capture in SPR, BLI and ELISA assays of antibody Fc binding. It is a non-therapeutic reagent for research use only, manufactured to in vivo grade with ultra-low endotoxin. Scalable milligram (mg) to gram (g) availability makes it well suited to high-throughput screening and large-volume kinetic studies of murine inhibitory Fc receptor function.

**Other names:** CD32, CD32B, FCGR2, FCGR2B, FCGR2, FCGR2B, FCRII, FCRIIB, FCR2, FCR2B, FCRII, FCRIIB, IGFR2, IGFR2B, IGFRII, IGFRIIB, 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.