

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

**Product Code:** ICH3032

## More Information

**Species Reactivity:** Marmoset (*Callithrix jacchus*)

**Target:** Marmoset CD32b Protein

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

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

**UniProt:** A0A8I3W6Y8

**Shipping Conditions:** Ambient

**background:** As the inhibitory Fc gamma receptor, CD32b (FcγRIIb) sets activation thresholds on immune cells, and its marmoset form supports translational studies in a key non-human-primate model. This recombinant marmoset CD32b ectodomain is expressed in HEK 293 cells and validated for SPR, BLI and ELISA, providing a defined tool for measuring inhibitory-receptor engagement and comparing Fc binding across species. 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 primate inhibitory Fc receptor function with reproducible material.

**Other names:** CD32, CD32B, FCGR2, FCGR2B, FCGR2, FCGR2B, FCRII, FCRIIB, 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 marmoset CD32b (Gln 34-Met 215) 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 12 months. Once the protein has been reconstituted we recommen

**Applications:** SPR, BLI, ELISA

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