

# Marmoset CD32a Protein (In Vivo Grade, Ultra-Low Endotoxin)

**Product Code:** ICH3031

## More Information

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

**Target:** Marmoset CD32a Protein

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

**product name H2:** Marmoset CD32a Protein (In Vivo Grade, Ultra-Low Endotoxin)

**UniProt:** F7IHM1

**Shipping Conditions:** Ambient

**background:** Marmoset CD32a (FcγRIIa) is an activating Fc gamma receptor relevant to translational research in this widely used non-human-primate model, where it contributes to immune-complex binding and myeloid activation. Expressed in HEK 293 cells, this recombinant marmoset CD32a ectodomain is validated for SPR, BLI and ELISA, supporting cross-species comparison of antibody Fc engagement. It is a non-therapeutic protein for research use only, produced to in vivo grade standards with ultra-low endotoxin. Available in scalable milligram (mg) to gram (g) quantities, it gives high-throughput and bulk laboratories a dependable reagent for primate Fc receptor and antibody-effector characterization.

**Other names:** CD32, CD32A, FCGR2, FCGR2A, FCGR11, FCGR11A, FCR2, FCR2A, FCR11, FCR11A, IGFR2, IGFR2A, IGFR11, IGFR11A, Fc gamma R2, Fc gamma R2a, Fc gamma R11, Fc gamma R11a, Fcg R2, Fcg R2a, Fcg R11, Fcg R11a

**Specificity:** The sequence of the extracellular domain of marmoset CD32a (Phe 36-Arg 216) 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.