

Mouse CD200 protein, mutant mouse IgG2a Fc tag (active)

Cat. No. GTX65787-pro**Applications** Functional Assay**Species** Mouse**Package**

50 µg

PRODUCT

Summary

Non-lytic: Acts as a long lasting fusion protein which only binds to the receptor. Mutations to the complement (C1q) and FcγR I binding sites of the IgGs Fc fragment render the fusion proteins incapable of antibody directed cytotoxicity (ADCC) and complement directed cytotoxicity (CDC).

Applications

Application Note

Shows the biological function of the CD200 moiety and exerts a prolonged circulating half- life caused by the modified Fc domain.

Properties

Form Lyophilized powder**Buffer** Reconstitute with 0.2µm-filtered PBS to 100 µg/ml. Lyophilized from 0.2µm-filtered PBS.**Preservative** No preservatives**Storage** Store at -20°C or below. After reconstitution, keep as concentrated solution. Aliquot and avoid freeze-thaw cycles.**Region/Sequence** The extracellular domain of mouse CD200 (a.a. 31-236) is fused to the N-terminus of the Fc region of a mutant mouse IgG2a.**Expression System** CHO cells**Purity** ≥98% by SDS-PAGE.**Endotoxin** < 0.06 EU/µg**Conjugation** Unconjugated**Note** For In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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