

# Human CD200 protein, mutant human IgG1 Fc tag (active)

**Cat. No. GTX65747-pro**

**Applications** Functional Assay

**Species** Human

**Package**

100 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 human CD200 (a.a. 31-236) is fused to the N-terminus of the Fc region of a mutant human IgG1.

**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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