

Human CD83 protein, mutant human IgG1 Fc tag (active)

Cat. No. GTX65748-pro

Applications	Functional Assay	Package
Species	Human	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 FcgR I binding sites of the IgGs Fc fragment render the fusion proteins incapable of antibody directed cytotoxicity (ADCC) and complement directed cytotoxicity (CDC).
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Applications

Application Note

Shows the biological function of the CD83 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 CD83 (a.a. 20-131) 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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