

Human ICAM1 / CD54 protein, mutant human IgG1 Fc tag (active)

Cat. No. GTX65749-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 CD54 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 CD54 [ICAM-1] (a.a. 28-480) 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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