

Human B7-H4 protein, human IgG1 Fc tag (active)

Cat. No. GTX65697-pro

Applications	Functional Assay	Package
Species	Human	100 µg

Applications

Application Note

Measured by the ability to inhibit anti-CD3-induced proliferation of stimulated human T cells. Human T lymphocytes cultured for 72 hours with PHA were incubated for an additional 3 days in 96 well place coated with 500ng/ml anti-CD3 and 10 µg/ml human B7H4/Fc. The presence of human B7H4/Fc at 10 µg/ml inhibited anti CD3 response by 30-50%. Optimal dilutions should be determined by each laboratory for each application.

Properties

Form	Lyophilized powder
Buffer	Reconstitute with 100 µl ddH ₂ O. 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 B7-H4 (a.a. 29-258) is fused to the N-terminus of the Fc region of 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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