

# Mouse ICOS Ligand protein, mutant mouse IgG2a Fc tag

**Cat. No. GTX65786-pro**

**Applications** Functional Assay

**Species** Mouse

**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

Measured by its binding ability in a functional ELISA. Immobilized human ICOS at 1 µg/ml (100µl/well) can bind biotinylated Mouse ICOS Ligand + Mouse IgG2a Fc fusion protein (non-lytic) with a linear range of 0.1-1.0 µg/ml. Optimal dilutions should be determined by each laboratory for each application.

## 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 CD275 [B7-H2] (a.a. 48-279) 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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