

Human PD-L1 protein, mouse IgG1 Fc tag (active)

Cat. No. GTX01279-pro

Applications	Functional Assay	Package
Species	Human	100 µg

Applications

Application Note

1. Measured by its binding ability in a functional ELISA. Immobilized recombinant Human PD1-His protein at 10 µg/ml (100 µl/well) can bind Human PD-L1 protein (active) (GTX01279-pro) with a linear range of 1.28-20 µg/ml.
2. Measured by its ability to inhibit anti-CD3 antibody induced IL-2 secretion in human T cell lymphocytes. The ED₅₀ for this effect is typically 0.4-3 µg/ml.

Observed MW (kDa) 51.7 kDa.

Properties

Form	Lyophilized powder
Buffer	Batch dependent (please contact us for details)
Storage	Store at -20°C or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.
Region/Sequence	C-terminal mouse IgG1-Fc tagged; Met1-Thr239 of Human PD-L1 protein (NP_054862.1)
Expression System	HEK293 cells
Purity	> 95% by SDS-PAGE.
Endotoxin	< 1.0 EU/µg (determined by LAL method)
Conjugation	Unconjugated

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

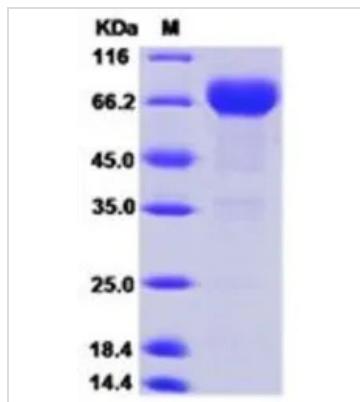
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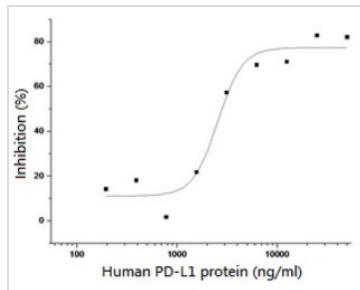
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DATA IMAGES



GTX01279-pro Image

SDS-PAGE of 5 μ g GTX01279-pro Human PD-L1 protein, mouse IgG1 Fc tag (active).

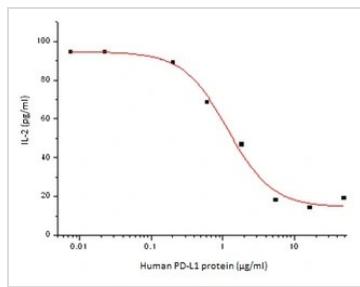


GTX01279-pro Functional Assay Image

The protein binding activity was measured in a functional ELISA analysis of GTX01279-pro Human PD-L1 protein which can bind immobilized recombinant Human PD1-His protein.

Immobilized recombinant Human PD1-His protein : 10 μ g/ml (100 μ l/well)

GTX01279-pro : 1.28-20 μ g/ml



GTX01279-pro Functional Assay Image

The protein activity of GTX01279-pro Human PD-L1 protein was measured by its ability to inhibit anti-CD3 antibody (2 μ g/ml) induced IL-2 secretion in human T lymphocytes.

ED₅₀ : 0.4-3 μ g/ml



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