

Human CDK4 protein, GST tag

Cat. No. GTX01205-pro

Application	Functional Assay
Species	Human

Package
50 µg

APPLICATION

Application Note

1. Measured by its binding ability in a functional ELISA. Immobilized Human Cyclin E1 protein (active) (GTX01253-pro) at 10 µg/ml (100 µl/well) can bind biotinylated Human CDK4 protein (GTX01205-pro). The EC₅₀ of biotinylated Human CDK4 protein (GTX01205-pro) is 0.10-0.32 µg/ml.
2. Immobilized Mouse Cyclin E1 protein (active) (GTX01289-pro) at 10 µg/ml (100 µl/well) can bind biotinylated Human CDK4 protein (GTX01205-pro). The EC₅₀ of biotinylated Human CDK4 protein (GTX01205-pro) is 48.0-114.0 ng/ml.
3. Measured by its binding ability in a functional ELISA. Immobilized Human Cyclin E1 protein (active) (GTX01252-pro) at 10 µg/ml (100 µl/well) can bind biotinylated Human CDK4 protein (GTX01205-pro). The EC₅₀ of biotinylated Human CDK4 protein (GTX01205-pro) is 45.0-106.0 ng/ml.

Observed MW 55 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	N-terminal GST tagged; Met1-Glu303 of Human CDK4 protein (NP_000066.1)
Expression System	Baculovirus (Insect cells)
Purity	> 80% by SDS-PAGE.
Endotoxin	< 1.0 EU/µg (determined by LAL method)
Conjugation	Unconjugated

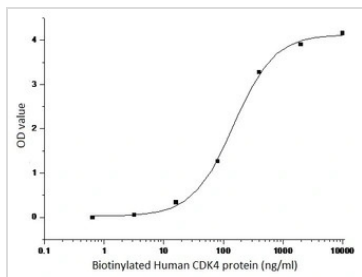
Note

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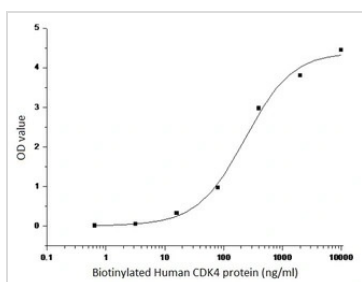
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DATA IMAGES

GTX01205-pro Functional Assay Image

The protein binding activity was measured in a functional ELISA analysis of biotinylated GTX01205-pro Human CDK4 protein which can bind immobilized GTX01289-pro Mouse Cyclin E1 protein.

Immobilized GTX01289-pro : 10 µg/ml (100 µl/well)

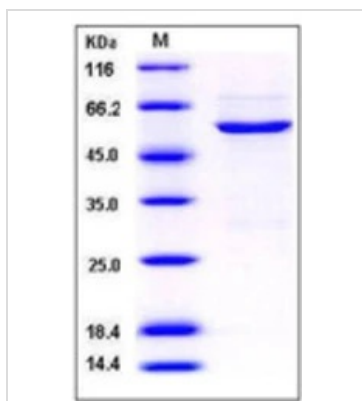
Biotinylated GTX01205-pro : 48.0-114.0 ng/ml


GTX01205-pro Functional Assay Image

The protein binding activity was measured in a functional ELISA analysis of biotinylated GTX01205-pro Human CDK4 protein which can bind immobilized GTX01253-pro Human Cyclin E1 protein.

Immobilized GTX01253-pro : 10 µg/ml (100 µl/well)

Biotinylated GTX01205-pro : 0.10-0.32 µg/ml


GTX01205-pro Image

SDS-PAGE of 5 µg GTX01205-pro Human CDK4 protein.



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