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Datasheet for ABIN7321017 CTLA4 Protein (His tag)

2 Images



Overview

Quantity:	50 µg
Target:	CTLA4
Origin:	Guinea Pig
Source:	Yeast (Pichia pastoris)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CTLA4 protein is labelled with His tag.

Product Details

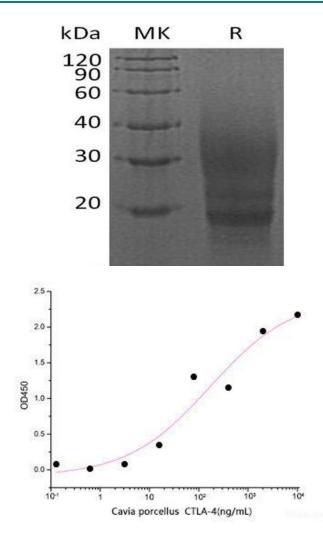
Purpose:	Recombinant Cavia porcellus CTLA-4/CD152 Protein (His Tag)
Sequence:	Ala37-Asp161
Characteristics:	Recombinant Cavia porcellus CD152 is produced by our Yeast expression system and the target gene encoding Ala37-Asp161 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.
Biological Activity Comment:	Immobilized Mouse B7-1-Fc(Cat: PKSM041366) at 1µg/ml(100 µl/well) can bind Cavia porcellus CTLA-4-His. The ED50 of Cavia porcellus CTLA-4-His is 0.17ug/ml .

Target Details

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Target Details	
Alternative Name:	CTLA-4/CD152 (CTLA4 Products)
Background:	Background: Cytotoxic Tlymphocyte 4(CTLA-4,CD152), is a type I transmembrane T cell
	inhibitory molecule that is a member of the Ig superfamily.CD28 and CTLA-4, together with their
	ligands, B7-1 and B7-2, constitute one of the dominant costimulatory pathways that regulate T $$
	and B cell responses. CD28 and CTLA-4 are structurally homologous molecules that are
	members of the immunoglobulin (Ig) gene superfamily. CTLA4 transmits an inhibitory signal to
	T cells, whereas CD28 transmits a stimulatory signal. Intracellular CTLA4 is also found in
	regulatory T Cells and may play an important role in their functions. Tcell activation through the
	Tcell receptor and CD28 leads to increased expression of CTLA4.
	Synonym: Cytotoxic T-lymphocyte protein 4, Cytotoxic T-lymphocyte-associated antigen 4,
	CTLA-4, CD152, CTLA4
Molecular Weight:	14.1 kDa
UniProt:	H0VUB1
Pathways:	Cancer Immune Checkpoints
Application Details	
Comment:	18-40 kDa
Restrictions:	For Research Use only
Handling	
Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.



Western Blotting

Image 1.

ELISA

Image 2.

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