

Datasheet for ABIN7281272  
**CD48 Protein (CD48) (AA 27-220) (His tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	CD48
Protein Characteristics:	AA 27-220
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CD48 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	ADPQGHLVHM TVVSGSNVTL NISESLPENY KQLTWFYTFD QKIVEWDSRK SKYFESKFKG RVRLDPQSGA LYISKVQKED NSTYIMRVLK KTGNEQEWKI KLQVLDVPPK PVIKIEKIED MDDNCYLKLS CVIPGESVNY TWYGDKRPPF KELQNSVLET TLMPHNYSRC YTCQVSNSVS SKNGTVCLSP PCTLARSHHH HHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

## Target Details

Target:	CD48
Alternative Name:	CD48 ( <a href="#">CD48 Products</a> )
Background:	CD48, also known as CD48 antigen isoform 1, is a GPI-linked protein in the CD2 family of

## Target Details

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immunoglobulin superfamily molecules. This protein is competent to transduce signals and can also trigger signaling through CD2 or 2B4. CD48-CD2 interactions promote T cell activation and class switching to IgG2a in B cells. High affinity CD48-2B4 interactions can either promote or inhibit NK cell and cytotoxic T cell (CTL) activation. It expressed on NK cells is coactivating, whereas CD48 expressed on other cell types inhibits NK cell activation. Recombinant human CD48, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

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Molecular Weight:	23.4kDa (203aa) 28-40kDa (SDS-PAGE under reducing conditions.)
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NCBI Accession:	<a href="#">NP_001769</a>
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UniProt:	<a href="#">P09326</a>
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## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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Concentration:	1.0 mg/mL
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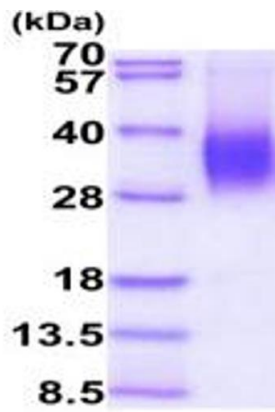
Buffer:	Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
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15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.