

Product datasheet

Recombinant human CD80 protein (His tag) ab227403

2 Images

Description

Product name	Recombinant human CD80 protein (His tag)	
Biological activity	Measured by its binding ability in a functional ELISA with Human CD28.	
Purity	> 95 % SDS-PAGE. ab227403 was purified using conventional chromatography techniques.	
Endotoxin level	< 1.000 Eu/μg	
Expression system	Baculovirus infected insect cells	
Accession	P33681	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	VIHVTKEVKEVATLSCGHNVSVEELAQTRMWQKEKKMVL TMMSGDMNIW PEYKNRTIFDITNNLSIVILALRPSDEGTYESVVLKYEKDAFK REHLAEV TLSVKADFPTPSISDFEIPSTNIRRIICSTSGGFPEPHLSWLE NGEELNA INTTVSQDPETELYAVSSKLDNFNMTTNHSFMCLIKYGHRLRV NQTFNWNTT KQEHFPDNLEHHHHHH	
Predicted molecular weight	25 kDa including tags	
Amino acids	35 to 243	
Tags	His tag C-Terminus	
Additional sequence information	Extracellular domain (NP_005182).	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab227403** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: PBS, 10% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function

Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.

Tissue specificity

Expressed on activated B-cells, macrophages and dendritic cells.

Sequence similarities

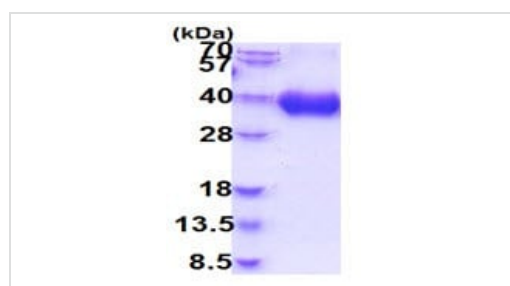
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization

Membrane.

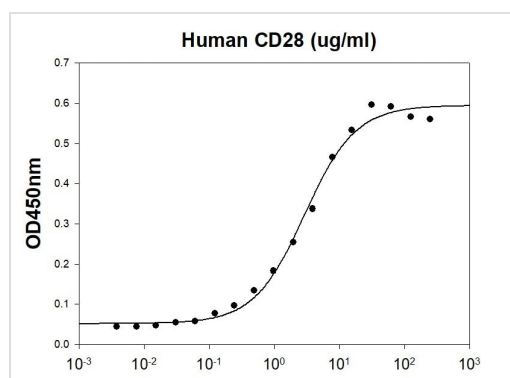
Images



SDS-PAGE - Recombinant Human CD80 protein
(His tag) (ab227403)

15% SDS-PAGE analysis of 3 µg ab227403.

MW: 28-40 kDa (SDS-PAGE under reducing conditions).



Biological activity - Recombinant Human CD80
protein (His tag) (ab227403)

Human CD80 (ab227403) coated at 1 µg/mL (100 µL/well) can bind CD28 in a Functional ELISA assay.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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