

Product datasheet

Recombinant human 2B4 protein - BSA and Azide free  
ab185248

2 Images

Description

Product name	Recombinant human 2B4 protein - BSA and Azide free
Biological activity	Immobilized Recombinant human 2B4 protein (ab185248) at 5 µg/mL (100 µL/well) can bind Human CD48, Fc Tag with a linear range of 0.078-1.25 µg/mL.
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	<u><b>Q9BZW8-2</b></u>
Protein length	Protein fragment
Animal free	No
Carrier free	Yes
Nature	Recombinant
Species	Human
Sequence	CQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKKLLPSQN GFHHILKWEN GSLPSNTSNDRFSFIVKNLSLLIKAAQQQDSGLYCLEVTSI SGKVQTATF QVFVFDKVEKPRLQGQGKILDRGRCQVALSCLVSRDGNV SYAWYRGSKLI QTAGNLTYLDEEVDINGTHTYTCNVSNPVSWSHTLNLTK DCQNAHQEFR
Predicted molecular weight	23 kDa including tags
Amino acids	22 to 221
Tags	His tag C-Terminus
Additional sequence information	NCBI accession No. NP_057466
Description	Recombinant human 2B4 protein (BSA and azide free)

Specifications

Our **Abpromise guarantee** covers the use of **ab185248** in the following tested applications.

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

**Applications** Functional Studies

SDS-PAGE

**Form** Lyophilized

## Preparation and Storage

**Stability and Storage** Shipped at 4°C. Store at 4°C prior to reconstitution. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 5% Trehalose, 95% PBS

Lyophilized from 0.22 µm filtered solution.

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

**Reconstitution** Reconstitute with sterile deionized water to a concentration of 200 µg/ml.

## General Info

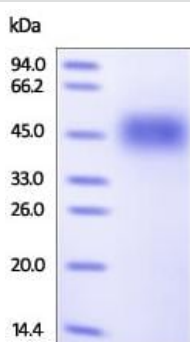
**Function** Modulate other receptor-ligand interactions to enhance leukocyte activation.

**Tissue specificity** Expressed in spleen, PBL, followed by lung, liver, testis and small intestine. Expressed not only in NK cells, but also on monocytes and basophils.

**Sequence similarities** Contains 2 Ig-like (immunoglobulin-like) domains.

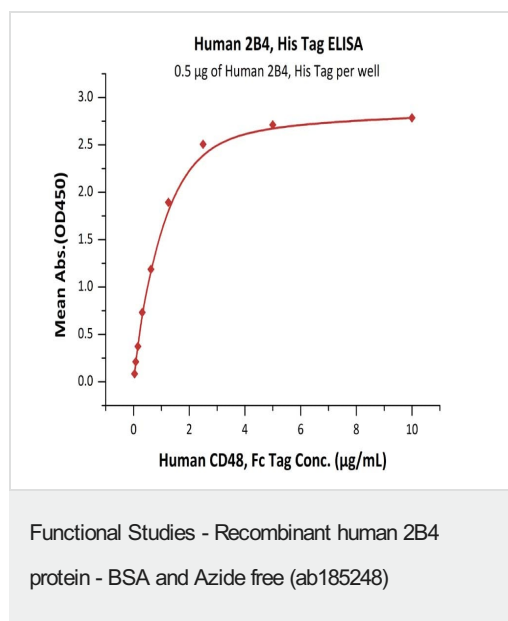
**Cellular localization** Membrane.

## Images



SDS-PAGE - Recombinant human 2B4 protein -  
BSA and Azide free (ab185248)

SDS-PAGE analysis of ab185248 in reducing conditions. Gel stained overnight with Coomassie Blue. DTT-reduced protein migrates as 40-50 kDa due to glycosylation.



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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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