

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	Q9BZW8-2	
Protein length	Protein fragment	
Animal free	No	
Carrier free	Yes	
Nature	Recombinant	
Species	Human	
Sequence	CQGSADHVVSISGVPLQLQPNSIQTKVDSIAWKKLLPSQN GFHHILKWEN GSLPSNTSNDRFSFIVKNLSLLIKAAQQQDSGLYCLEVTSI SGKVQTATF QVVFVDKVEKPRLQGQGGKILDRGRCQVALSCLVSRDGNV SYAWYRGSKLI QTAGNLTYLDEEVDINGHTHTYTCNVSNPVSWEHTLNLQ 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	

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.

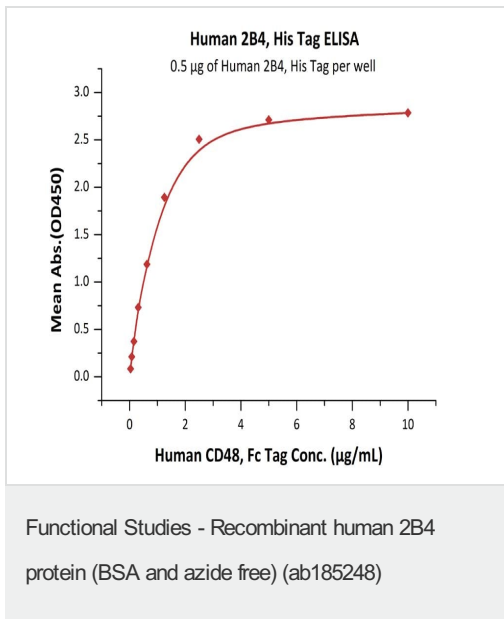
General Info

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 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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