

Product datasheet

Recombinant human CD3 epsilon + CD3D protein (Active) ab286041

[3 Images](#)

Description

Product name	Recombinant human CD3 epsilon + CD3D protein (Active)
Biological activity	Human CD3 epsilon and CD3 delta Heterodimer Protein was immobilized at 0.5 µg/ml (100 µl/well). Dose response curve using Anti-hCD3E/CD3D Ab foralumab gave an EC ₅₀ of 21.69 ng/ml by ELISA. Human CD3 epsilon and CD3 delta Heterodimer Protein was Immobilized at 0.1 µg/ml (100 µl/Well). Dose response curve using Anti-hCD3E/CD3D Ab OKT3 gave an EC ₅₀ of 21 ng/ml by ELISA.
Purity	> 95 % SDS-PAGE.
Endotoxin level	< 1.000 Eu/µg
Expression system	Expi293 F cells
Accession	<u>P07766</u> <u>P04234</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Amino Acid Sequence 1	
Species	Human
Predicted molecular weight	38 kDa
Amino acids	23 to 126
Tags	Fc tag C-Terminus
Amino Acid Sequence 2	
Species	Human
Predicted molecular weight	35 kDa
Amino acids	22 to 105
Tags	Fc tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab286041** 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
ELISA
Functional Studies

Form

Lyophilized

Additional notes

This product is manufactured by BioVision, an Abcam company and was previously called P1183 Human CellExp™ CD3 epsilon & CD3 delta Heterodimer. P1183-10 is the same size as the 10 µg size of ab286041.

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -80°C.

pH: 7.40

Constituent: 99% PBS

Lyophilized from 0.22 µm filtered solution in PBS pH 7.4.

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

Reconstitution

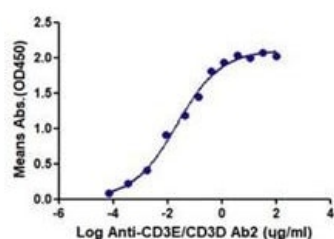
Reconstitute in sterile deionized water to the desired protein concentration.

General Info

Cellular localization

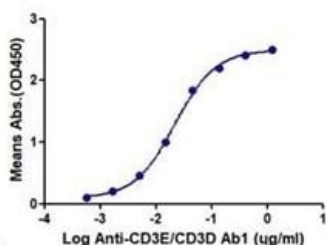
CD3 epsilon: Membrane. CD3D: Membrane.

Images



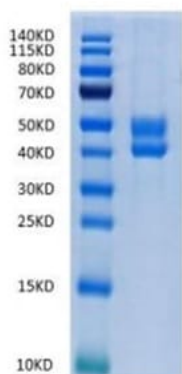
ELISA - Recombinant human CD3 epsilon + CD3D protein (ab286041)

ab286041 was immobilized at 0.1 µg/ml (100 µl/Well). Dose response curve using Anti-hCD3E/CD3D Ab2 OKT3 gave an EC₅₀ of 21 ng/ml by ELISA.



ab286041 was immobilized at 0.5 µg/ml (100 µl/well). Dose response curve using Anti-hCD3E/CD3D Ab1 foralumab gave an EC₅₀ of 21.69 ng/ml by ELISA

ELISA - Recombinant human CD3 epsilon + CD3D protein (ab286041)



ab286041 run on Tris-Bis PAGE gel under reducing conditions. The protein migrates as 40-50 kDa due to glycosylation.

SDS-PAGE - Recombinant human CD3 epsilon + CD3D protein (ab286041)

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

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