

Recombinant rhesus monkey CD4 protein (Fc Chimera Active) ab201425

画像数 3

製品の詳細

製品名	Recombinant rhesus monkey CD4 protein (Fc Chimera Active)	
生理活性	<p>Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human HIV-1 gp120 (CN54) protein (ab174070) at 10 µg/mL (100 µL/well) can bind ab201425 with a linear range of 0.04-0.31 µg/mL.</p> <p>Measured by its binding ability in a functional ELISA. Immobilized Recombinant Rhesus monkey CD4 (Fc Chimera) (ab201425) at 1 µg/mL (100 µL/well) can bind Ibalizumab with a linear range of 0.4-25 ng/mL.</p>	
精製度	> 95 % SDS-PAGE.	
エンドキシン・レベル	< 1.000 Eu/µg	
発現系	HEK 293 cells	
アクセッション番号	<u>P16003</u>	
タンパク質長	Protein fragment	
Animal free	No	
由来	Recombinant	
生物種	Rhesus monkey	
配列	<pre> KKVVLGKKGDTVELTCNASQKKNQFHWKNSNQIKILGIQGS FLTKGPSK LSDRADSRKSLWDQGCFSMIKLNKIEDSDTYICEVENKKEE VELLVFGL TANSDTHLLEGQSLTLTLESPPGSSPSVKCRSPGGKNIQGR TLSVPQLE RQDSGTWTCTVSQDQKTVEFKIDIVVLAQKASSTVYKKEGE QVEFSFPP AFTLEKLTGSGELWWQAERASSKSWITFDLKNKEVSVKRV QDPKLQMG KKLPLHLTLPQALPQYAGSGNLTALAEAKTGKLNQEVNLLV RATQFQEN LTCEVWGPTSPKLTLSLKLKLNKGTTSKQAKAVVWLNPEAGM WQCLLSDS GQVLLLESNIKVVPTW </pre>	
予測される分子量	67 kDa including tags	

領域	26 to 390
配列の追加情報	Fused with a Human IgG1 Fc tag at the C-terminus.

特性

Our **Abpromise guarantee** covers the use of **ab201425** in the following tested applications.

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

アプリケーション	SDS-PAGE
製品の状態	Lyophilized
備考	This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

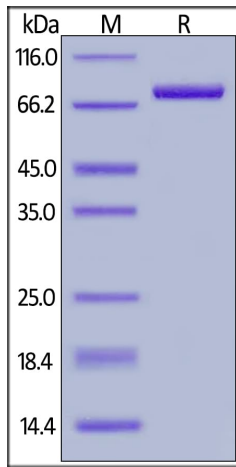
前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Please see notes section. pH: 7.4 Constituents: 0.61% Tris, 0.75% Glycine, 0.06% Sodium chloride, L-Arginine 5-10% trehalose is commonly used for freeze drying, and after reconstitution, the trehalose is about 3-5%. Lyophilized from 0.22 µm filtered solution. This product is an active protein and may elicit a biological response in vivo, handle with caution.
再構成	Reconstitute with sterile deionized water to a concentration of 200 µg/ml.

関連情報

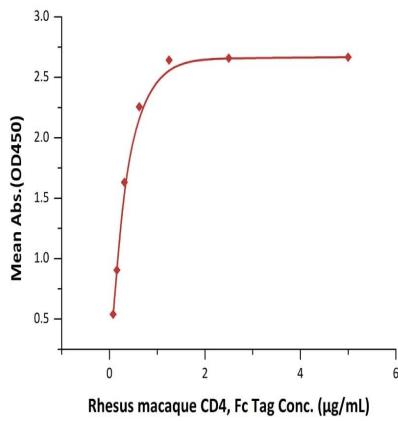
機能	Accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts.
配列類似性	Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻訳後修飾	Palmitoylation and association with LCK contribute to the enrichment of CD4 in lipid rafts.
細胞内局在	Cell membrane. Localizes to lipid rafts. Removed from plasma membrane by HIV-1 Nef protein that increases clathrin-dependent endocytosis of this antigen to target it to lysosomal degradation. Cell surface expression is also down-modulated by HIV-1 Envelope polyprotein gp160 that interacts with, and sequesters CD4 in the endoplasmic reticulum.

画像



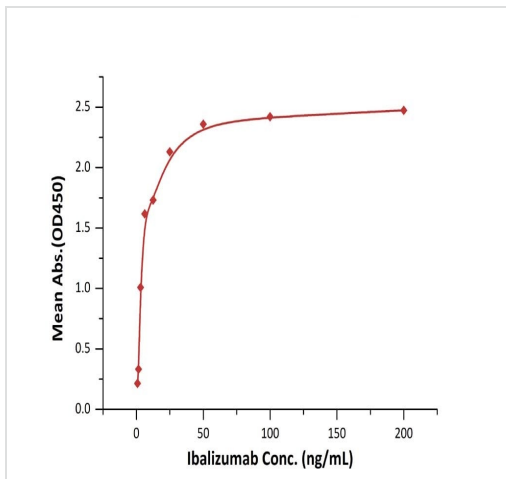
SDS-PAGE - Recombinant Rhesus monkey CD4 protein (Fc Chimera) (ab201425)

The purity of ab201425 was determined by DTT-reduced (R) SDS-PAGE and staining overnight with Coomassie Blue. DTT-reduced Protein migrates as 67-85 kDa in SDS-PAGE due to glycosylation.



ELISA - Recombinant rhesus monkey CD4 protein (Fc Chimera Active) (ab201425)

Immobilized Recombinant Human HIV-1 gp120 (CN54) protein (**ab174070**) at 10 µg/mL (100 µL/well) can bind ab201425 with a linear range of 0.04-0.31 µg/mL.



Immobilized Recombinant Rhesus monkey CD4 (Fc Chimera) (ab201425) at 1 µg/mL (100 µL/well) can bind Ibalizumab with a linear range of 0.4-25 ng/mL.

ELISA - Recombinant rhesus monkey CD4 protein (Fc Chimera Active) (ab201425)

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

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