

Recombinant human CD40 protein (Fc Chimera Active) ab83917

画像数 3

製品の詳細

製品名	Recombinant human CD40 protein (Fc Chimera Active)
生理活性	Activity: The ED ₅₀ of ab83917 is typically 1.0-1.5 ug/ml as measured by its ability to neutralize CD40 ligand mediated proliferation of T47-D cells.
精製度	> 95 % SDS-PAGE.
発現系	HEK 293 cells
アクセッション番号	<u>P25942</u>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human

配列	<p>Theoretical Sequence</p> <p>EPPTACREKQYLINSQCCSLCQPGQKLVSDCTEFTETECCLPC GESEFLDT WNR ETHCHQHKYCDPNLGLRVQQKGTSETDTICTCEEGWHCTSEA CESCVL HRSC SPGFGVKQIATGVSDTICEPCPVGFFSNVSSAFEKCHPWTSC ETKDLV VQQAG TNKTDVVCGPQDRLRSSNTKVDKKVEPKSCDKTHTCPPCPA PELLGG PSVFL FPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEV HNAKTK PREEQ YNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTIS KAKGQP REPQVY TLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY KTTTPV LDSDG SFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLS PGK</p>
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領域	21 to 193
配列の追加情報	Fused with the Fc region of Human IgG1 at the C-terminus.

特性

Our **Abpromise guarantee** covers the use of **ab83917** 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
Western blot
Functional Studies

製品の状態 Lyophilized

前処理および保存

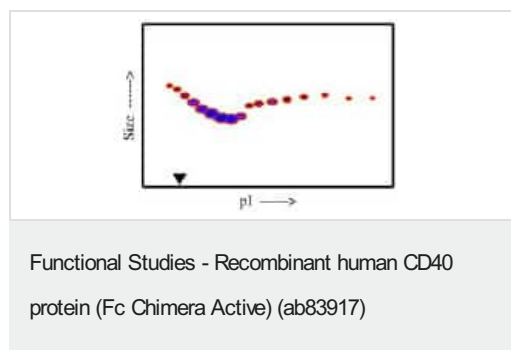
保存方法および安定性 Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles.
Constituents: PBS, 10% Trehalose, 1% Human serum albumin
This product is an active protein and may elicit a biological response in vivo, handle with caution.

再構成 It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial. Following reconstitution short-term storage at 4°C is recommended, with longer-term storage in aliquots at -18 to -20°C. Repeated freeze thawing is not recommended.

関連情報

機能 Receptor for TNFSF5/CD40LG.
組織特異性 B-cells and in primary carcinomas.
関連疾患 Defects in CD40 are the cause of hyper-IgM immunodeficiency syndrome type 3 (HIGM3) [MIM:606843]; also known as hyper-IgM syndrome 3. HIGM3 is an autosomal recessive disorder which includes an inability of B cells to undergo isotype switching, one of the final differentiation steps in the humoral immune system, an inability to mount an antibody-specific immune response, and a lack of germinal center formation.
配列類似性 Contains 4 TNFR-Cys repeats.
細胞内局在 Secreted and Cell membrane.

画像



Densitometry of protein isoforms visualised by 2-DE.
The densitometry scan demonstrates the purified human cell expressed protein exists in multiple isoforms, which differ according to their level of post-translational modification.
The triangle indicates the theoretical MW and pI of the protein.



SDS-PAGE - Recombinant human CD40 protein (Fc Chimera Active) (ab83917)

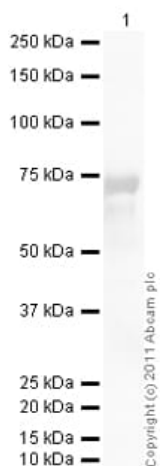
1D SDS-PAGE of ab83917 before and after treatment with glycosidases to remove oligosaccharides.

Lane 1: ab83917

Lane 2: ab83917 treated with PNGase F to remove potential N-linked glycans

Lane 3: ab83917 treated with a glycosidase cocktail to remove potential N- and O-linked glycans.

Approximately 5 µg of protein was loaded per lane; Gel was stained using Coomassie.



Western blot - Recombinant human CD40 protein (Fc Chimera Active) (ab83917)

Anti-CD40 antibody ([ab13545](#)) at 1/1000 dilution + Recombinant human CD40 protein (Fc Chimera Active) (ab83917) at 1 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) preadsorbed ([ab97080](#)) at 1/5000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

Observed band size: 72 kDa

Exposure time: 8 minutes

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

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