

Recombinant mouse BAFF protein ab157285

1 References [画像数 2](#)

製品の詳細

製品名	Recombinant mouse BAFF protein
生理活性	Binds to Human (weak) and mouse BCMA, TACI and BAFF-R. Mediates splenocyte survival.
精製度	> 95 % SDS-PAGE.
エンドトキシン・レベル	< 0.100 Eu/μg
発現系	HEK 293 cells
アクセッション番号	<u>Q9WU72</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Mouse
配列	AFQGPEETEQDVDLSAPPAPCLPGCRHSQHDDNGMNLRNIIQ DCLQLIAD SDTPTIRKGYTYFVPWLLSFKRGNALEEKENKIVVRQTGYFF IYSQVLYT DPIFAMGHVIQRKKVHVFGDELSLVTLFRCIQNMPKTLPNNS CYSAGIAR LEEGDEIQLAIPRENAQISRNGDDTFFGALKLL
予測される分子量	17 kDa including tags
領域	127 to 309
タグ	DDDDK tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab157285** 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	Functional Studies SDS-PAGE
製品の状態	Lyophilized
備考	Binds to Human (weak) and mouse BCMA, TACI and BAFF-R. Mediates splenocyte survival.

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at -20°C.

Constituent: 99% PBS

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

再構成

Reconstitute with 100μl sterile water to a concentration of 0.1 mg/ml. Further dilutions should be made with medium containing 5% fetal calf serum or other carrier protein. After reconstitution, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

関連情報

機能

Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T-cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.

組織特異性

Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas.

配列類似性

Belongs to the tumor necrosis factor family.

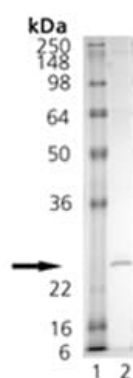
翻訳後修飾

The soluble form derives from the membrane form by proteolytic processing.
N-glycosylated.

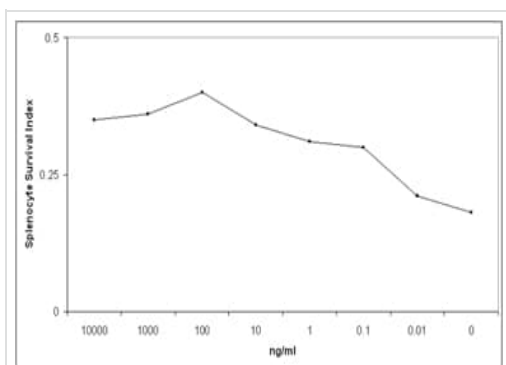
細胞内局在

Secreted and Cell membrane.

画像



SDS-PAGE - Recombinant mouse BAFF protein
(ab157285)



Functional Studies - Recombinant mouse BAFF protein (ab157285)

ab157285 mediates survival of freshly isolated splenocytes.

Method: On day 0 splenocytes were isolated from a freshly collected C57Bl6 spleen. An aliquot of the splenocytes was analyzed on FACS and gated on the SSC-FSC panel. FACS settings were saved. The rest of the cells was put in culture with media alone or with increasing concentrations of ab157285 as indicated. After three days in culture, cells were harvested and analyzed on FACS with the saved setting. Splenocytes Survival Index (ratio % living/% dead cells) was calculated and plotted.

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

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