

Recombinant Human TRAP/CD40L protein (Soluble) ab105610

画像数 1

製品の詳細

製品名	Recombinant Human TRAP/CD40L protein (Soluble)
精製度	> 95 % SDS-PAGE. Purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>P29965</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMQGDQNPQIAAHVISEASS KTTSVLQWAE KGYTMSNNLVTLENGKQLTVKRQGLYYIYAQVTFCSNREAS SQAPFIAS LCLKSPGRFERILLRAANTHSSAKPCGQSQSIHLGGVFELQPG ASVFNVT DPSQVSHGTGFTSFGLLKL
予測される分子量	18 kDa including tags
領域	113 to 261
タグ	His tag N-Terminus
配列の追加情報	Corresponds to full length TRAP/CD40L, soluble form.

特性

Our **Abpromise guarantee** covers the use of **ab105610** 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
	Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 40% Glycerol (glycerin, glycerine), 1.16% Sodium chloride

関連情報

機能

Mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL-4. Involved in immunoglobulin class switching.

Release of soluble CD40L from platelets is partially regulated by GP IIb/IIIa, actin polymerization, and an matrix metalloproteinases (MMP) inhibitor-sensitive pathway.

組織特異性

Specifically expressed on activated CD4+ T-lymphocytes.

関連疾患

Defects in CD40LG are the cause of X-linked immunodeficiency with hyper-IgM type 1 (HIGM1) [MIM:308230]; also known as X-linked hyper IgM syndrome (XHIM). HIGM1 is an immunoglobulin isotype switch defect characterized by elevated concentrations of serum IgM and decreased amounts of all other isotypes. Affected males present at an early age (usually within the first year of life) recurrent bacterial and opportunistic infections, including *Pneumocystis carinii* pneumonia and intractable diarrhea due to cryptosporidium infection. Despite substitution treatment with intravenous immunoglobulin, the overall prognosis is rather poor, with a death rate of about 10% before adolescence.

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-linked glycan is a mixture of high mannose and complex type. Glycan structure does not influence binding affinity to CD40.

Not O-glycosylated.

細胞内局在

Secreted and Cell membrane.

画像



15% SDS PAGE analysis of ab105610 (3 µg).

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

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