abcam

Product datasheet

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 MGSSHHHHHHSSGLVPRGSHMQKGDQNPQIAAHVISEASS

KTTSVLQWAE

KGYYTMSNNLVTLENGKQLTVKRQGLYYIYAQVTFCSNREAS

SQAPFIAS

LCLKSPGRFERILLRAANTHSSAKPCGQQSIHLGGVFELQPG

ASVFVNVT DPSQVSHGTGFTSFGLLKL

予測される分子量 18 kDa including tags

領域 113 to 261

サブ 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

 $Constituents: 0.0154\% \ DTT, 0.316\% \ Tris \ HCI, 40\% \ Glycerol \ (glycerin, glycerine), 1.16\% \ Sodium$

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.

Specifically expressed on activated CD4+ T-lymphocytes.

Release of soluble CD40L from platelets is partially regulated by GP Ilb/Illa, actin polymerization,

and an matrix metalloproteinases (MMP) inhibitor-sensitive pathway.

組織特異性

関連疾患

Defects in CD40LG are the cause of X-linked immunodeficiency with hyper-lgM type 1 (HIGM1) [MIM:308230]; also known as X-linked hyper lgM syndrome (XHIM). HIGM1 is an immunoglobulin isotype switch defect characterized by elevated concentrations of serum lgM and decreased

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

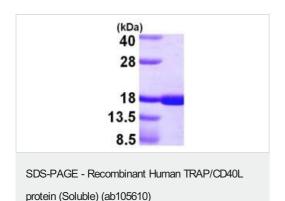
influence binding affinity to CD40.

Not O-glycosylated.

細胞内局在

Secreted and Cell membrane.

画像



15% SDS PAGE analysis of ab105610 (3 μ g).

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