

Recombinant human TWEAK protein ab9968

2 References

製品の詳細

製品名	Recombinant human TWEAK protein
生理活性	The ED ₅₀ as determined by the dose-dependent stimulation of IL-8 production by Human PBMC is less than 10 ng/ml. TWEAK weakly induces the death of HT29 cells when cultured in the presence of IFN-γ. The ED ₅₀ for this effect is between 30-45 ng/ml.
精製度	> 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
発現系	Escherichia coli
アクセッション番号	O43508
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MKGRKTRARR AIAAHYEVHP RPGQDGAQAG VDGTVSGWEE ARINSSSPLR YNRQIGEFIV TRAGLYYLYC QVHFDEGKAV YLKL DLLVDG VLALRCLEEF SATAASSLGP QLRLCQVSGL LALRPGSSLR IRTL PWAHLK AAPFLTYFGL FQVH
予測される分子量	17 kDa
領域	96 to 249
配列の追加情報	Comprises of the TNF-homologous region of TWEAK, and is generated by proteolytic processing of the full length membrane-anchored TWEAK protein.

特性

Our **Abpromise guarantee** covers the use of **ab9968** 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 The ED50 as determined by the dose-dependent stimulation of IL-8 production by human PBMC is less than 10ng/ml.

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.

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

再構成 Centrifuge the vial prior to opening. Reconstitute in 10mM Sodium Phosphate, pH7.5 to a concentration of 1mg/ml. The solution can be diluted into other aqueous buffers and stored at 4C for 1 week or -20C for future use

関連情報

機能 Binds to FN14 and possibly also to TNFRSF12/APO3. Weak inducer of apoptosis in some cell types. Mediates NF-kappa-B activation. Promotes angiogenesis and the proliferation of endothelial cells. Also involved in induction of inflammatory cytokines.

組織特異性 Highly expressed in adult heart, pancreas, skeletal muscle, brain, colon, small intestine, lung, ovary, prostate, spleen, lymph node, appendix and peripheral blood lymphocytes. Low expression in kidney, testis, liver, placenta, thymus and bone marrow. Also detected in fetal kidney, liver, lung and brain.

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.

細胞内局在 Secreted and Cell membrane.

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

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