

Recombinant human TWEAK protein ab9968

2 References

描述

产品名称	重组人TWEAK蛋白
生物活性	The ED₅₀ 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 ED₅₀ for this effect is between 30-45 ng/ml.
纯度	> 98 % SDS-PAGE. Sterile filtered Greater than 98% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
表达系统	Escherichia coli
Accession	<u>O43508</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MKGRKTRARR AIAAHYEVHP RPGQDGAQAG VDGTVSGWEE ARINSSSPLR YNRQIGEFIV TRAGLYYLYC QVHFDEGKAV YLKL DLLVDG VLALRCLEEF SATAASSLGP QLRLCQVSGL LALRPGSSLR IRTL PWAHLK AAPFLTYFGL FQVH
预测分子量	17 kDa
氨基酸	96 to 249
额外的序列信息	Comprises of the TNF-homologous region of TWEAK, and is generated by proteolytic processing of the full length membrane-anchored TWEAK protein.

技术指标

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.

应用	Functional Studies SDS-PAGE
形式	Lyophilized

补充说明	The ED50 as determined by the dose-dependent stimulation of IL-8 production by human PBMC is less than 10ng/ml.
制备和贮存	
稳定性和存储	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.
复溶	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
常规信息	
功能	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.
组织特异性	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.
序列相似性	Belongs to the tumor necrosis factor family.
翻译后修饰	The soluble form derives from the membrane form by proteolytic processing.
细胞定位	Secreted and Cell membrane.

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

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