Recombinant Human APRIL (A proliferation-inducing ligand)

编号: PY2105

重组蛋白

规格: 5 µg 20 µg 100 µg 500 µg 1 mg

应用: Functio

Functional Assay

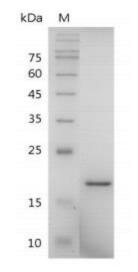
产品简介

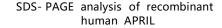
描述:

类别:

APRIL (A PRoliferation-Inducing Ligand) is a member of the tumor necrosis factor family. APRIL shows high levels of expression in tumors of different origin and low level of expression in normal cells. APRIL shares two TNF receptor family members, TACI and BCMA (or another TNF homolog, BlyS/BAFF) have been reported to play a role in autoimmune disease and cancer. The protein encoded by this gene is a member of the tumor necrosis factor ligand (TNF) ligand family. This protein is a ligand for TNFRSF17/ BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vivo experiments suggest an important role for APRIL in the long-term survival of plasma cells in the bone marrow. Mice deficient in APRIL have normal immune system development. However, APRIL-deficient mice have also been reported to possess a reduced ability to support plasma cell survival. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14 /HVEM. Three alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported. Escherichia coli >98% as determined by SDS-PAGE.

Ni- NTA chromatography.





来源: 纯度:

生物学活性:	Measured by its ability to induce cell death in
	Jurkat cells. The ED_{50} for this effect is 2.6-4.0
	μg/mL.
内毒素检测:	<0.1 EU per 1 μ g of the protein by the LAL
	method.
蛋白序列:	MAVLTQKQKKQHSVLHLVPINATSKDDSDVTE
	VMWQPALRRGRGLQAQGYGVRIQDAGVYLLY
	SQVLFQDVTFTMGQVVSREGQGRQETLFRCIRS
	MPSHPDRAYNSCYSAGVFHLHQGDILSVIIPRA
	RAKLNLSPHGTFLGFVKL with polyhistidine
	tag at the C-terminus

产品组成

成分: 从含有 1X PBS, containing 0.1% sarkosyl, pH 8.0 溶液中冻干的蛋白质.

产品储存运输

产品形式	储存温度	储存时间
冻干粉	-20℃至-80℃	自收到之日起1年
重悬液 (初始)	2℃至8℃	不超过1周
重悬液 (经稀释)	-20℃至-80℃	3到6个月

运输方式: 蓝冰

产品使用

1、开盖前,建议3000-3500rpm离心5min。

2、推荐使用无菌水重悬冻干粉,溶液浓度不低于100μg/mL,不高于1mg/mL,并室温静置至少20min以充分溶解。勿涡旋剧烈振荡。

3、重悬后的溶液 , 2-8℃无菌保存不超过1周。

4、如需长期保存,推荐使用无菌的含载体蛋白(如0.1 %BSA、10%FBS 或5%HSA)的溶液进一步稀释(不 低于10ug/mL)后分装保存,-20℃至-80℃无菌保存3 到6个月。无血清实验需求时,可更换为5%海藻糖溶液 作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry; FACS= Fluorescence activated Cell Sorting; FA= Functional Assay

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