

# Recombinant Human AITRL (Activation-induced TNFR member ligand)

编号: PY2103

规格: 5  $\mu$ g  
20  $\mu$ g  
100  $\mu$ g  
500  $\mu$ g  
1 mg

类别: 重组蛋白

应用: Functional Assay

## 产品简介

**描述:** AITRL is a member of the TNF superfamily which is expressed in endothelial cells and signals through the AITR receptor. AITRL regulates T-cell proliferation and survival. It also effectuates the interaction between T lymphocytes and endothelial cells. The AITRL gene codes type II transmembrane protein comprised of 177 amino acids, including a 28 amino acid cytoplasmic region, a 21 amino acid transmembrane domain and a 128 amino acid extracellular domain.

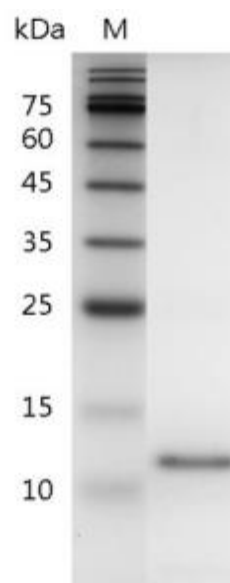
**来源:** *Escherichia coli*

**纯度:** >98% as determined by SDS-PAGE. Ni-NTA chromatography.

**生物学活性:** Measure by its ability to induce IL-8 secretion in human PBMCs using a concentration range of 5-200 ng/mL. Note: Result may vary from different PBMC donors.

**内毒素检测:** <0.1 EU per 1  $\mu$ g of the protein by the LAL method.

**蛋白序列:** MQLETAKEPCMAKFGPLPSKWQMA  
SSEPPCVNKVSDWKLEILQNGLYLIYG  
QVAPNANYNDVAPFEVRLYKNKDMI  
QTLTNKSKIQNVGGTYELHVGDTIDLI  
FNSEHQVLKNNTYWGII LIANPQEI  
with polyhistidine tag at the C-terminus



SDS-PAGE analysis of recombinant human AITRL

## 产品组成

成分： 从含有 1X PBS, pH 7.4 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°C至-80°C	自收到之日起1年
重悬液 (初始)	2°C至8°C	不超过1周
重悬液 (经稀释)	-20°C至-80°C	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100 $\mu$ g/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°C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10 $\mu$ g/mL）后分装保存，-20°C至-80°C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