

Recombinant human Soluble TNF Receptor I protein ab9980

描述

产品名称	重组人Soluble TNF Receptor I蛋白
纯度	> 97 % SDS-PAGE. Sterile filtered Greater than 97% pure by HPLC analyses. Endotoxin level is less than 0.1 ng per g (1EU/g).
表达系统	Escherichia coli
Accession	P19438
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MDSVCPQGKY IHPQNNSICC TKCHKGTLY NDCPGPGQDT DCRECESGSF TASENHLRHC LSCSKCRKEM GQVEISSCTV DRDTVCGCRK NQYRHYWSEN LFQCFNCSLC LNGTVHLSCQ EKQNTVCTCH AGFFLRENEC VSCSNCKKSL ECLKLCLPQI EN
预测分子量	18 kDa

技术指标

Our **Abpromise guarantee** covers the use of **ab9980** 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 biological activity of this product was determined by its inhibitory effect of the TNF-alpha mediated cytotoxicity in murine L929 cells. The ED50 for this effect, in the presence of 0.25 ng/ml of recombinant human TNF-alpha is 0.05 µg/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 -
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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

Please reconstitute this product in 200ul water.

常规信息

相关性

TNF RI (CD120a) is a 55 kDa transmembrane glycoprotein that is expressed by virtually all nucleated mammalian cells. Among the numerous cells known to express TNF RI are hepatocytes, monocytes and neutrophils, cardiac muscle cells, endothelial cells, and CD34+ hematopoietic progenitors. Both TNF alpha and TNF beta bind to TNF RI. Soluble TNF alpha binds with a K_d in the range of 20-60 pM, while TNF beta binds with a K_d equal to 650 pM. TNF RI relative to TNF RII seems to be the more physiologically relevant receptor, whereas TNF R2 appears to play a direct role in only a limited number of TNF responses. Soluble TNF RI, which blocks TNF alpha activity, has been identified in both urine and blood (1-3 ng/mL). Serum levels of sTNF receptors increase dramatically in certain pathological situations.

细胞定位

Cytoplasmic

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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