

Recombinant mouse EPO protein (Fc Chimera) ab170076

[1 References](#) [2 图像](#)

描述

产品名称	重组小鼠EPO蛋白(Fc Chimera)
生物活性	ED ₅₀ < 5 ng/ml as determined in a cell proliferation assay using Human TF-1 erythroleukemia cells.
纯度	> 95 % SDS-PAGE. ab170076 is purified by chromatography, sterile filtered and lyophilized.
表达系统	Insect cells
Accession	<u>P07321</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	<pre> APPRLICDSRVLERYILEAKEAENVMTMGCAEGPRLSENITVP DTKVNFYA WKRMEVEEQAIIEVWQGLSLLSEAILQAQALLANSSQPPELQ LHIDKAIS GLRSLTSLLRVLGAQKELMSPPDTTPPAPLRTLTVDTFCKLF RVYANFLR GKLKLYTGEVCRRGDR </pre>
预测分子量	49 kDa
氨基酸	27 to 192

技术指标

Our **Abpromise guarantee** covers the use of **ab170076** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE Functional Studies
形式	Lyophilized
补充说明	Produced using non-baculovirus insect cells.

制备和贮存

稳定性和存储

Shipped at 4°C. Store at -80°C.

pH: 7.4

Constituent: 100% PBS

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

复溶

Add 0.5ml deionized water. Aliquot and freeze unused portion.

常规信息

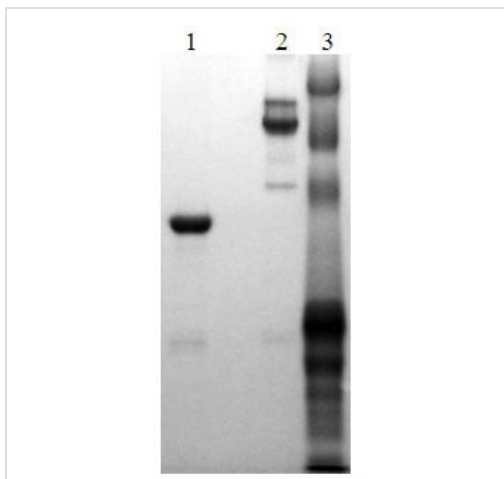
相关性

Human erythropoietin is member of the EPO/TPO family and encodes a secreted, glycosylated cytokine hormone composed of four alpha helical bundles. The protein is found in the plasma and regulates red cell production by promoting erythroid differentiation and initiating hemoglobin synthesis. This protein also has neuroprotective activity against a variety of potential brain injuries and antiapoptotic functions in several tissue types. It is produced by kidney or liver of adult mammals and by liver of fetal or neonatal mammals.

细胞定位

Secreted

图片



SDS-PAGE analysis of ab170076.

Lane 1: 3µg ab170076 Reduced

Lane 2: 3µg ab170076 Non-reduced

Lane 3: Molecular weight markers

SDS-PAGE - Recombinant mouse EPO protein (Fc Chimera) (ab170076)



Proliferation of Human TF-1 erythroleukemia cells by ab170076.

Functional Studies - Recombinant mouse EPO protein (Fc Chimera) (ab170076)

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