

Recombinant mouse Thrombopoietin protein ab170079

[1 References](#) [2 图像](#)

描述

产品名称	重组小鼠Thrombopoietin蛋白
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. ab170079 is purified by chromatography, sterile filtered and lyophilized.
表达系统	Insect cells
Accession	<u>P40226</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Mouse
序列	<pre> SPVAPACDPRLLNKLLRDSHLLHSRLSQCPDVDPLSIPVLLP AVDFSLGE WKTQTEQSKAQDILGAVSLLLLEGVMAARGQLEPSCLSLLGQ LSGQVRLL LGALQGLLGTQLPLQGRRTAHKDPNALFLSLQQLLRGKVRFL LLVEGPTL CVRRTLPTTAVPSSTSQLLTLNKFPNRTSGLLETNFSVTART AGPGLLSR LQGFRVKITPGQLNQTSRSPVQISGYLNRTHGPNVNGHGLFA GTSLQTLE ASDISPGAFNKGSLAFNLQGGPPSPSLAPDGHTPFPPSPAL PTTHGSPP QLHPLFPDPSTTMPNSTAPHPVTMYPHPRNLSQET </pre>
预测分子量	66 kDa
氨基酸	22 to 356

技术指标

Our **Abpromise guarantee** covers the use of **ab170079** 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 at -80°C.

常规信息

功能

Lineage-specific cytokine affecting the proliferation and maturation of megakaryocytes from their committed progenitor cells. It acts at a late stage of megakaryocyte development. It may be the major physiological regulator of circulating platelets.

疾病相关

Defects in THPO are a cause of essential thrombocythemia (ET) [MIM:187950]. ET is inherited as an autosomal dominant trait which is characterized by elevated platelet levels due to sustained proliferation of megakaryocytes, and frequently lead to thrombotic and haemorrhagic complications.

序列相似性

Belongs to the EPO/TPO family.

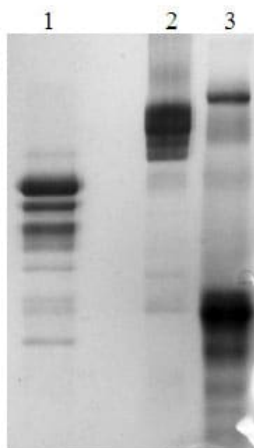
结构域

Two-domain structure with an erythropoietin-like N-terminal and a Ser/Pro/Thr-rich C-terminal.

细胞定位

Secreted.

图片



SDS-PAGE analysis of ab170079.

Lane 1: 3µg ab170079 Reduced

Lane 2: 3µg ab170079 Non-reduced

Lane 3: Molecular weight markers

SDS-PAGE - Recombinant mouse Thrombopoietin protein (ab170079)

Proliferation of Human TF-1 erythroleukemia cells by ab170079.



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