

# Recombinant mouse Thrombopoietin protein (Animal Free) ab217465

### 描述

产品名称	重组小鼠Thrombopoietin蛋白(Animal Free)
生物活性	The ED <sub>50</sub> as determined by the dose-dependent stimulation of the proliferation of human MO7e cells was found to be ≤ 1.0 ng/ml, corresponding to a specific activity of ≥ 1 x 10 <sup>6</sup> units/mg.
纯度	> 98 % SDS-PAGE. > 98 % by HPLC.
表达系统	Escherichia coli
Accession	<b><u>P40226</u></b>
蛋白长度	Protein fragment
无动物成分	Yes
性质	Recombinant
种属	Mouse
序列	SPVAPACDPR LLNKLLRDSH LLHSRLSQCP DVDPLSIPVL LPAVDFSLGE WKTQTEQSKA QDILGAVSLL LEGVMAARGQ LEPSCLSSLL GQLSGQVRL LGALQGLLGT QLPLQGRTTA HKDPNALFLS LQQLLRGKVR FLLLVEGPTL CVRRTLPTTA VPSSTSQLLT LNKF
预测分子量	19 kDa
氨基酸	22 to 195

### 技术指标

Our **Abpromise guarantee** covers the use of **ab217465** in the following tested applications.

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

应用	HPLC Functional Studies SDS-PAGE
形式	Lyophilized

### 制备和贮存

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**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 -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**

For lot specific reconstitution information please contact our Scientific Support Team.

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**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.

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

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- Replacement or refund for products not performing as stated on the datasheet
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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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