

# Recombinant human GDF15 protein ab50077

### 3 References

#### 描述

产品名称	重组人GDF15蛋白
生物活性	Determined by its ability to inhibit alkaline phosphatase activity in differentiating MC3T3/E1 osetoblast cells. The expected <b>ED</b> <sub>50</sub> for this effect is 75-200 ng/ml.
纯度	> 95 % SDS-PAGE. ab50077 purity was determined also by HPLC
内毒素水平	< 1.000 Eu/μg
表达系统	CHO cells
Accession	<b><u>Q99988</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	ARNGDHCPLGPGRCRLHTVRASLEDLGWADWVLSPREVQVT MCIGACPS QFRAANMHAQIKTSLHRLKPDTVPAPCCVPASYNPMVLIQKT DTGVSLQT YDDLAKDCHCI
预测分子量	25 kDa
实际分子量	25 kDa
氨基酸	197 to 308
额外的序列信息	This product refers to the processed mature form of this protein from aa 195 to 308. Therefore it does not contain the signal peptide or propeptide.

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab50077** 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	Molecular Weight: 24.6 kDa

## 制备和贮存

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### 稳定性和存储

Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term.

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

### 复溶

Reconstitute to 1 mg/ml with distilled water.

## 常规信息

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### 组织特异性

Highly expressed in placenta, with lower levels in prostate and colon and some expression in kidney.

### 序列相似性

Belongs to the TGF-beta family.

### 细胞定位

Secreted.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

## Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors