

# Recombinant Human NCF1/p47-phox protein ab98054

## 2 图像

### 描述

产品名称	重组人NCF1/p47-phox蛋白
纯度	> 90 % SDS-PAGE. ab98054 was purified using conventional chromatography techniques.
表达系统	Escherichia coli
Accession	<b><u>P14598</u></b>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<pre> MGDTFIRHIALLGFEKRFVPSQHVVYMFVLVKWQDLSEKVVYR RFTEIYEF HKTLKEMFPIEAGAINPENRIIPHLPAKWFQDGRRAAENRQG TLTEYCST LMSLPTKISRCPHLLDFFKVRPDDLKLPDNTQTKKPETYLMP KDGKSTAT DITGPIILQTYRAIANYEKTSGSEMALSTGDVVEVVEKSESG WWFCQMKA KRGWIPASFLEPLDSPDETEDPEPNYAGEPYVAIKAYTAVEG DEVSLLEG EAVEVIHKLLDGWWVIRKDDVTGYFPSMYLQKSGQDVSQAQR QIKRGAPP RRSSIRNAHSIHQRSRKRLSQDAYRRNSVRFLQRRRQARPG PQSPGSPL EEERQTQRSKPQPAVPPRPSADLILNRCSESTKRKLASAVVE HHHHHH </pre>
预测分子量	46 kDa including tags
氨基酸	1 to 390
标签	His tag C-Terminus

### 技术指标

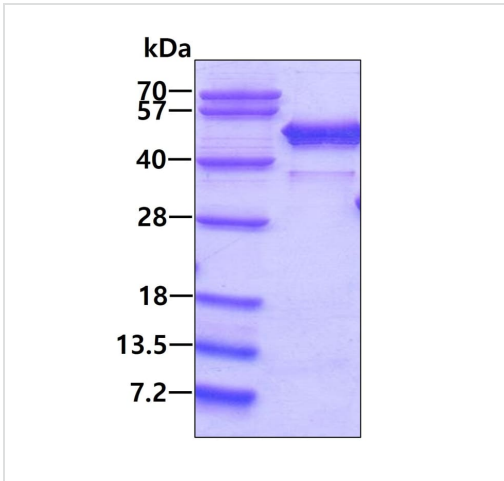
Our **Abpromise guarantee** covers the use of **ab98054** in the following tested applications.

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

<b>应用</b>	SDS-PAGE Mass Spectrometry Western blot
<b>质谱法</b>	MALDI-TOF
<b>形式</b>	Liquid
<b>补充说明</b>	Previously labelled as NCF1.
<b>制备和贮存</b>	
<b>稳定性和存储</b>	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.  pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
<b>常规信息</b>	
<b>功能</b>	NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).
<b>疾病相关</b>	Defects in NCF1 are the cause of chronic granulomatous disease autosomal recessive cytochrome-b-positive type 1 (CGD1) [MIM:233700]. Chronic granulomatous disease is a genetically heterogeneous disorder characterized by the inability of neutrophils and phagocytes to kill microbes that they have ingested. Patients suffer from life-threatening bacterial/fungal infections.
<b>序列相似性</b>	Contains 1 PX (phox homology) domain. Contains 2 SH3 domains.
<b>细胞定位</b>	Cytoplasm.
<b>图片</b>	



Western blot - Recombinant Human NCF1/p47-phox protein (ab98054)



SDS-PAGE - Recombinant Human NCF1/p47-phox protein (ab98054)

3ug by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

**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

- 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

---

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