

Product datasheet

Recombinant Human NCF1 protein ab98054

1 图像

概述

产品名称	重组人NCF1蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [P14598](#)

种属 Human

序列
 MGDTFIRHIALLGFEKRFVPSQHVVYVYVFLVKWQDLSEKVVYRRFTEIYEF
 HKTLKEMFPIEAGAINPENRIIPHLPAKWFQRAAENRQGTLETCST
 LMSLPTKISRCPHLLDFFKVRPDDLKLPDNTQTKKPEYLMKDGKSTAT
 DITGPIILQTYRAIANYEKTSGSEMALSTGDVVEVVEKSESGWWFCQKA
 KRGWIPASFLEPLDSPDETEPEPNYAGEPYVAIKAYTAVEGDEVSLLEG
 EAVEVIHKLLDGWWVIRKDDVTGYFPSMYLQKSGQDVSQAQRQIKRGAPP
 RRSSIRNAHSIHQSRKRLSQDAYRRNSVRFQRRRQARPGPQSPGSPL
 EEERQTRSKPQPAVPPRPSADLILNRCSESTKRKLASAVVEHHHHHH

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.

应用	SDS-PAGE Mass Spectrometry Western blot
质谱法	MALDI-TOF
纯度	> 90 % SDS-PAGE.

ab98054 was purified using conventional chromatography techniques.

形式 Liquid

制备和贮存

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.

Preservative: None

Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

常规信息

功能 NCF2, NCF1, and a membrane bound cytochrome b558 are required for activation of the latent NADPH oxidase (necessary for superoxide production).

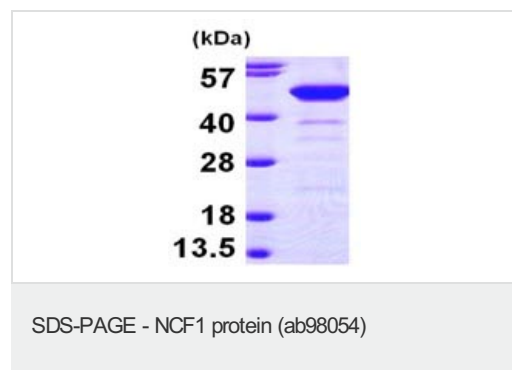
疾病相关 Defects in NCF1 are the cause of chronic granulomatous disease autosomal recessive cytochrome-b-positive type 1 (CGD1) [MIM:233700]. Chronic granulomatous disease is a genetically heterogeneous disorder characterized by the inability of neutrophils and phagocytes to kill microbes that they have ingested. Patients suffer from life-threatening bacterial/fungal infections.

序列相似性 Contains 1 PX (phox homology) domain.

Contains 2 SH3 domains.

细胞定位 Cytoplasm.

图片



15% SDS-PAGE analysis of 3µg ab98054

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