

Product datasheet

Recombinant Human p40-phox protein ab134628

1 Image

Description

| | |
|-----------------------------------|--|
| Product name | Recombinant Human p40-phox protein |
| Purity | > 90 % SDS-PAGE. ab134628 was purified using conventional chromatography techniques. |
| Expression system | Escherichia coli |
| Accession | <u>Q15080</u> |
| Protein length | Full length protein |
| Animal free | No |
| Nature | Recombinant |
| Species | Human |
| Sequence | MGSSHHHHHH SSGLVPRGSH MAVAQQLRAE SDFEQLPDDV AISANIADIE EKRGFSTSHFV FVIEVKTKGG SKYLYRRYR QFHALQSKLE ERFGPDSKSS ALACTLPTLP AKVYVGVKQE IAEMRIPALN AYMKSLLSLP VWVLMDEDVR IFFYQSPYDS EQVPQALRRL RPRTRKVKSV SPQGNSVDRM AAPRAEALFD FTGNSKLELN FKAGDVIFLL SRINKDWLEG TVRGATGIFP LSFVKILKDF PEEDDPTNWL RCYYYEDTIS TIKDIAVEED LSSTPLLKDL LELTRREFQR EDIALNYRDA EGDLVRLSLD EDVALMVRQA RGLPSQKRLF PWKLHITQKD NYRVYNTMP |
| Predicted molecular weight | 41 kDa including tags |
| Amino acids | 1 to 339 |
| Tags | His tag N-Terminus |

Specifications

Our **Abpromise guarantee** covers the use of **ab134628** in the following tested applications.

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

| | |
|--------------------------|-------------------------------|
| Applications | Mass Spectrometry SDS-PAGE |
| Mass spectrometry | MALDI-TOF |

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|-------------------------|------------------------------|
| Form | Liquid |
| Additional notes | Previously labelled as NCF4. |

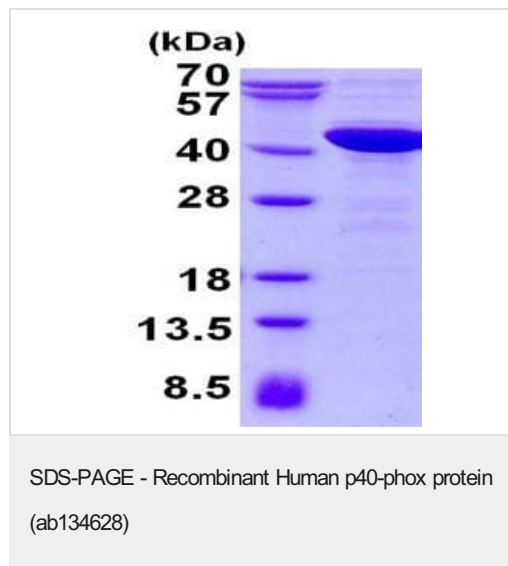
Preparation and Storage

| | |
|------------------------------|--|
| Stability and Storage | 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: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride |
|------------------------------|--|

General Info

| | |
|------------------------------|---|
| Function | Component of the NADPH-oxidase, a multicomponent enzyme system responsible for the oxidative burst in which electrons are transported from NADPH to molecular oxygen, generating reactive oxidant intermediates. It may be important for the assembly and/or activation of the NADPH-oxidase complex. |
| Tissue specificity | Expression is restricted to hematopoietic cells. |
| Sequence similarities | Contains 1 PX (phox homology) domain. Contains 1 SH3 domain. |
| Cellular localization | Cytoplasm. |

Images



15% SDS-PAGE analysis of ab134628 (3µg)

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

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