abcam

Product datasheet

Recombinant Human NQO2 protein ab93933

1 References 1 Image

Description

Product name Recombinant Human NQO2 protein

Purity > 95 % SDS-PAGE.

ab93933 was purified using conventional chromatography techniques.

Expression system Escherichia coli

Accession P16083

Protein length Full length protein

Animal free No

Nature Recombinant

Species Human

Sequence MGSSHHHHHH SSGLVPRGSH MAGKKVLIVY

AHQEPKSFNG SLKNVAVDEL SRQGCTVTVS
DLYAMNFEPR ATDKDITGTL SNPEVFNYGV
ETHEAYKQRS LASDITDEQK KVREADLVIF
QFPLYWFSVP AILKGWMDRV LCQGFAFDIP
GFYDSGLLQG KLALLSVTTG GTAEMYTKTG
VNGDSRYFLW PLQHGTLHFC GFKVLAPQIS
FAPEIASEEE RKGMVAAWSQ RLQTIWKEEP

IPCTAHWHFG Q

Predicted molecular weight 28 kDa including tags

Amino acids 1 to 231

Tags His tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab93933 in the following tested applications.

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

Applications SDS-PAGE

Mass Spectrometry

Form Liquid

Preparation and Storage

1

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info

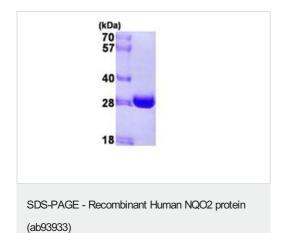
Function The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of

hydroquinones involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.

Sequence similarities Belongs to the NAD(P)H dehydrogenase (quinone) family.

Cellular localization Cytoplasm.

Images



15% SDS-PAGE analysis of 3µg ab93933

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		3