

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	<u>P16083</u>
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 PLQHGTLLHFC GFKVLAPQIS FAPEIASEEE RKGMVAAWSQ RLQTWKEEP 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
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Preparation and Storage

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

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

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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