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NQO2 Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP21839a

Specification

NQO2 Blocking Peptide (N-Term) - Product Information

Primary Accession P16083

NQO2 Blocking Peptide (N-Term) - Additional Information

Gene ID 4835

Other Names
Ribosyldihydronicotinamide dehydrogenase [quinone], NRH dehydrogenase [quinone] 2, NRH:quinone oxidoreductase 2, Quinone reductase 2, QR2, NQO2, NMOR2

Target/Specificity
The synthetic peptide sequence is selected from aa 21-32 of HUMAN NQO2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NQO2 Blocking Peptide (N-Term) - Protein Information

Name NQO2

Synonyms NMOR2

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.

Cellular Location
Cytoplasm.

NQO2 Blocking Peptide (N-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

NQO2 Blocking Peptide (N-Term) - Images

NQO2 Blocking Peptide (N-Term) - Background

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NQO2 Blocking Peptide (N-Term) - References

Jaiswal A.K.,et al.Biochemistry 29:1899-1906(1990).
Jaiswal A.K.,et al.J. Biol. Chem. 269:14502-14508(1994).
Iida A.,et al.Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Mungall A.J.,et al.Nature 425:805-811(2003).