

Recombinant Rat NQO2 Protein (1-231 aa), His-tagged

Cat. No. NQO2-1673R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat NQO2 Protein (1-231 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Rat
Source	Yeast
ProteinLength	1-231 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	28.3 kDa
AA Sequence	MAGKKVLLVYAHQEPKSFNGSMKQVAVEELSKQGCTVTVSDLYTMNFEPATRND VTGALSNPEVFKYGI EAYEAYKKKALTSDILEEQRKVQEADLVIFQFPLYWFSVPAILK GWMDRVLCQGFAFDVPGFYDSGFLKDKLALLSFTTGGTAEMYTKAGVNGDFRYFL WPLQHGT LHF CGFKVLAPQISFGPEVSSEEQRKVMLASWVQRLKSIWKEEP IHCTP SWYFQG

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

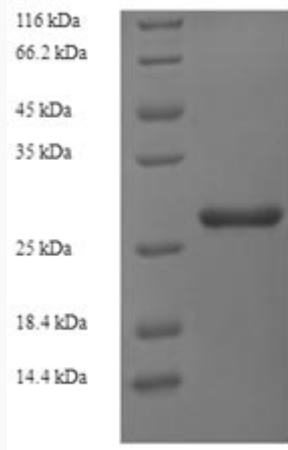
GENE INFORMATION

Gene Name	Nqo2 NAD(P)H dehydrogenase, quinone 2 [<i>Rattus norvegicus</i>]
Official Symbol	NQO2
Synonyms	NQO2; QR2; quinone reductase 2; MGC94180;
Gene ID	291084
mRNA Refseq	NM_001004214
Protein Refseq	NP_001004214
UniProt ID	Q6AY80

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA