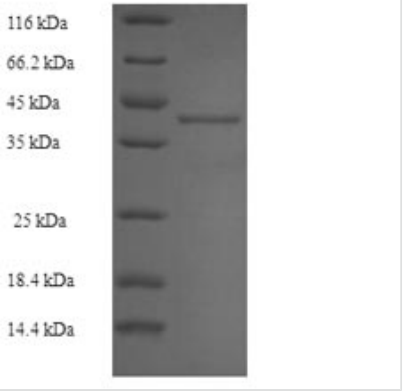
Recombinant Mouse Ribosyldihydronicotinamide dehydrogenase [quinone] (Nqo2)

Product Code	CSB-EP881303MO
Relevance	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.
Abbreviation	Recombinant Mouse Nqo2 protein
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9JI75
Alias	NRH dehydrogenase [quinone] 2NRH:quinone oxidoreductase 2Quinone reductase 2 ;QR2
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MAGKKVLIVYAHQEPKSFNGSLKKVAVEELSKQGCTVTVSDLYSMNFEPRATR NDITGAPSNPDVFSYGIETHEAYKKKALTSDIFEEQRKVQEADLVIFQFPLYWF SVPAILKGWMDRVLCRGFAFDIPGFYDSGFLKGKLALLSLTTGGTAEMYTKDG VSGDFRYFLWPLQHGTLHFCGFKVLAPQISFGLDVSSEEERKVMLASWAQRL KSIWKEEPIHCTPPWYFQE
Research Area	Others
Source	E.coli
Target Names	Nqo2
Expression Region	1-231aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	42.2kDa
Protein Length	Full Length
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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