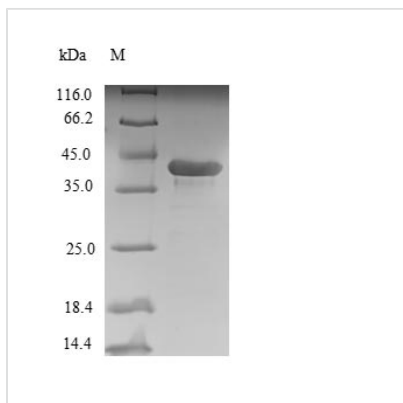




Recombinant Rat Ribosyldihydronicotinamide dehydrogenase [quinone] (Nqo2)

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|--------------------------|--|
| Product Code | CSB-EP721470RA |
| 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 Rat 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. | Q6AY80 |
| Alias | NRH dehydrogenase [quinone] 2NRH:quinone oxidoreductase 2Quinone reductase 2 ;QR2 |
| Product Type | Recombinant Protein |
| Immunogen Species | Rattus norvegicus (Rat) |
| Purity | Greater than 90% as determined by SDS-PAGE. |
| Sequence | MAGKKVLLVYAHQEPKSFNGSMKQVAVEELSKQGCTVTVSDLYTMNFEP RAT RNDVTGALSNPEVFKYGIEAYEAYKKKALTSDILEEQRKVQEADLVIFQFPLYW FSVPAILKGWMDRVLCQGFAFDVPGFYDSGFLKDKLALLSFTTGGTAEMYTKA GVNGDFRYFLWPLQHGTLHFCGFKVLAPQISFGPEVSSEEQRKVMLASWVQR LKSIWKEEPIHCTPSWYFQG |
| 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 | 42.3kDa |
| 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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