Recombinant MOUSE Ribosyldihydronicotinamide dehydrogenase [quinone]

Catalog No: #AP71585

Package Size: #AP71585-1 20ug #AP71585-2 100ug #AP71585-3 1mg

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Recombinant MOUSE Ribosyldihydronicotinamide dehydrogenase [quinone]
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-231aaSequence Info:Full Length
Other Names	NRH dehydrogenase [quinone] 2NRH:quinone oxidoreductase 2Quinone reductase 2 ;QR2
Accession No.	Q9JI75
Uniprot	Q9JI75
GeneID	18105;
Calculated MW	42.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MAGKKVLIVYAHQEPKSFNGSLKKVAVEELSKQGCTVTVSDLYSMNFEPRATRNDITGAPSNPDVFSYGIETH EAYKKKALTSDIFEEQRKVQEADLVIFQFPLYWFSVPAILKGWMDRVLCRGFAFDIPGFYDSGFLKGKLALLSL TTGGTAEMYTKDGVSGDFRYFLWPLQHGTLHFCGFKVLAPQISFGLDVSSEEERKVMLASWAQRLKSIWKEE PIHCTPPWYFQE
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Mouse NRH:quinone oxidoreductase (NQO2) cloning of cDNA and gene- and tissue-specific expression.Long D.J. II, Jaiswal A.K.Gene 252:107-117(2000)Research Topic:Others

Note: This product is for in vitro research use only