

Recombinant Human NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3(NDUFA3)

Catalog No: #AP70579

Package Size: #AP70579-1 20ug #AP70579-2 100ug #AP70579-3 1mg

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Description

Product Name	Recombinant Human NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 3(NDUFA3)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-84aaSequence Info:Full Length
Other Names	Complex I-B9 ;CI-B9NADH-ubiquinone oxidoreductase B9 subunit
Accession No.	O95167
Calculated MW	36.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	AARVGAFLLKNAWDKEPVLVVSFVVGGLAVILPPLSPYFKYSVMINKATPYNYPVPRDDGNMPDVPSHPQDP QGPSLEWLKKL
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

Accessory subunit of the mitochondrial mbrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

References

The consensus coding sequences of human breast and colorectal cancers.Sjoebloom T., Jones S., Wood L.D., Parsons D.W., Lin J., Barber T.D., Mandelker D., Leary R.J., Ptak J., Silliman N., Szabo S., Buckhaults P., Farrell C., Meeh P., Markowitz S.D., Willis J., Dawson D., Willson J.K.V. , Gazdar A.F., Hartigan J., Wu L., Liu C., Parmigiani G., Park B.H., Bachman K.E., Papadopoulos N., Vogelstein B., Kinzler K.W., Velculescu V.E.Science 314:268-274(2006) Research Topic:Transport

Note: This product is for in vitro research use only and is not intended for use in humans or animals.