

Recombinant Human NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial(NDUFB5),partial

Catalog No: #AP70582

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

Package Size: #AP70582-1 20ug #AP70582-2 100ug #AP70582-3 1mg

Description

Product Name	Recombinant Human NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 5, mitochondrial(NDUFB5),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:94-189aaSequence Info:Partial
Other Names	Complex I-SGDH ;CI-SGDHNADH-ubiquinone oxidoreductase SGDH subunit
Accession No.	O43674
Calculated MW	27.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	GQAELAEIPEGYVPEHWEYYKHPISRWIARNFYDSPEKIYERTMAVLQIEAEKAEALRVKELEVRKLMHVRGDG PWYYYETIDKELIDHSPKATPDN
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

Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuemmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011)Research Topic:Cancer

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