

Recombinant Human NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6(NDUFA6) ,partial

Catalog No: #AP70580

Package Size: #AP70580-1 20ug #AP70580-2 100ug #AP70580-3 1mg

Description

Product Name	Recombinant Human NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6(NDUFA6) ,partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-154aaSequence Info:Partial
Other Names	Complex I-B14 ;CI-B14LYR motif-containing protein 6NADH-ubiquinone oxidoreductase B14 subunit
Accession No.	P56556
Calculated MW	42.1 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	MAGSGVRQATSTASTFVKPIFSRDMNEAKRRVRELYRAWYREVPNTVHQFQLDITVKMGRDKVREMFMKNA HVTDPRVVDLLVIKGKIELETIKVWKQRTTHVMRFFHETEAPRPKDFLSKFYVGHDP
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 to be not 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

A genome annotation-driven approach to cloning the human ORFeome.Collins J.E., Wright C.L., Edwards C.A., Davis M.P., Grinham J.A., Cole C.G., Goward M.E., Aguado B., Mallya M., Mokrab Y., Huckle E.J., Beare D.M., Dunham I.Genome Biol. 5:R84.1-R84.11(2004)Research Topic:Transport

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