Recombinant human NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7

Catalog No: #AP71728

Package Size: #AP71728-1 20ug #AP71728-2 100ug #AP71728-3 1mg

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

Description

Product Name	Recombinant human NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-137aaSequence Info:Full Length
Other Names	Cell adhesion protein SQM1Complex I-B18 ;CI-B18NADH-ubiquinone oxidoreductase B18 subunit
Accession No.	P17568
Uniprot	P17568
GeneID	4713;
Calculated MW	43.3 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	GAHLVRRYLGDASVEPDPLQMPTFPPDYGFPERKEREMVATQQEMMDAQLRLQLRDYCAHHLIRLLKCKRD SFPNFLACKQERHDWDYCEHRDYVMRMKEFERERRLLQRKKRREKKAAELAKGQGPGEVDPKVAL
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

cDNA cloning of a novel cell adhesion protein expressed in human squamous carcinoma cells.Wong Y.-C., Tsao S.-W., Kakefuda M., Bernal S.D.Biochem. Biophys. Res. Commun. 166:984-992(1990)Research Topic:Transport

Note: This product is for in vitro research use only