



Recombinant *Leptothrix cholodnii* NADH-quinone oxidoreductase subunit D (nuoD)

Product Code	CSB-MP455959LOT
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.
Uniprot No.	B1Y830
Product Type	Recombinant Protein
Immunogen Species	<i>Leptothrix cholodnii</i> (strain ATCC 51168 / LMG 8142 / SP-6) (<i>Leptothrix discophora</i> (strain SP-6))
Purity	≥85% (SDS-PAGE)
Sequence	MAEIKNYTLN FGPQHPAAHG VLRLVLELDG EVIQRADPHI GLLHRGTEKL AESKTFIQSL PYMDRLDYVS MMCNEHAYCL AIEKLMGIQV PERAQYIRVM FSEITRLLNH LLWLGCHGMD CGAMNMLIYC FREREDLFDM YEAVSGARMH AAYFRPGGVY RDLPDVMPQY KVKIRNAKA MARLNENRQG SLLDFIDDF KRFPTLVDEY ETLTLDNRIW KQRTVGIGVL TPERALNLGL TGAMIRGSGI AWDLRKTQPY DVYDRMDFDI PVGVNGDTYD RYLVRVEEMR QSNRIIEQCS AWLRANPGPV ITDNHKVAPP SRVEMKTSME ELIHHFKLFT EGFHVPEGEA YAAVEHPKGE FGIYAISDGA NKPYRLKIRA PGFAHLAALD EMSRGHMIAD AVAIIGTMDI VFGEIDR
Source	Mammalian cell
Target Names	nuoD
Protein Names	Recommended name: NADH-quinone oxidoreductase subunit D EC= 1.6.99.5 Alternative name(s): NADH dehydrogenase I subunit D NDH-1 subunit D
Expression Region	1-417
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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.