

Recombinant Full Length Human Nucleoporin Ndc1(Tmem48) Protein, His-Tagged

Cat. No. RFL8232HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human Nucleoporin NDC1(TM48) Protein (Q9BTX1) (1-674aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Full Length (1-674)

Form

Lyophilized powder

AA Sequence

MATAVSRPCAGRSRDILWRVLGWRIVASIVWSVLFLPICTTVFIIFSRIDLFHPIQWLS
 D SFSDLYSSYVIFYFLLSVVIISIFNVEFYAVVPSIPCSRLALIGKIIHPQQLMHSFI H
 AAMGMVMAWCAAVITQQQYSFLVVPCTGTNSFGSPAAQTCLNEYHLFFLLTGAFM
 GYSY SLLYFVNNMNYLPFPIIQYKFLRFRRSLLLLVKHSCVESLFLVRNFCILYYFLG
 YIPKA WISTAMNLHIDEQVHRPLDTVSGLLNLSLLYHVWLCGVFLLTTWYVSWILFKI
 YATEAHV FPVQPPFAEGSDECLPKVLNSNPPPIIKYLALQDLMLLSQYSPSRRQEVF
 SLSQPGGHPH NWTASRECLNLLNGMTQKLILYQEAATNGRVSSSYVPEPKLNS
 PEETAFQTPKSSQM PRPSVPPLVKTSLSFSSKLSTPDVVSPFGTPFGSSVMNRMAGI
 FDVNTCYGSPQSPQLIRR GPRLWTSASDQQMTEFSNPSPSTSISAEGKTMRQPSVI
 YSWIQNKREQIKNFLSKRVLIM YFFSKHPEASIQAVFSDAQMHIWALEGLSHLVAAS
 FTEDRFGVVQTTLPAILNTLLTLQE AVDKYFKLPHASSKPPRISGSLVDTSYKTLRFA
 FRASLKTAIYRITTTFGEHLNAVQASA EHQKRLQQFLEFKE

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Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	NDC1
Synonyms	NDC1; TMEM48; Nucleoporin NDC1; hNDC1; Transmembrane protein 48
UniProt ID	Q9BTX1

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