

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

Cat. No. RFL13453RF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rat Nucleoporin NDC1(Tmem48) Protein (Q6AXN4) (1-673aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Rat

Source

E.coli

ProteinLength

Full Length (1-673)

Form

Lyophilized powder

AA Sequence

MATAASGPCAGGSPRDILWRVLGWRIVTSVVWSVLLLLPVCITAFIVFSSIDLFHPIQW
 LS DSLNEFYSSQVIFYLLLLAVVIIIISIFNVEFYTVVPSIPGSRLALIARILHPQQLTHSF I
 HAVMGMAVAWCAAIMTKGQSRSLVVPCTGTESLDSPAQAQTCMNEYHLFFLLSGAF
 MGYS YSLLYFINNMNYLPFPIIQQYKFLRFRRSLLLLVKHSCVESLFMVRNFCIVYYF
 FGHIPK AWISTALDLRTDEQAHRPLDTIGLLNVSLLYHVWLCGVFLLMTWYISWILF
 KIYATEAY MFPVQPPFAEESDECLPKVLNSNPPLIIKYLALQDMLLSQYSPSRRQEV
 FLSLQPGGHP HNWTASRECLSLNDMTQKLVLYQEAATNGRMYSYSVEPKRL
 SSPEETAFAQTPKPSQ MPSVPPLVKTSLSFKLSTPDGSSPFGTSPFGSSVVRMAGI
 FDVNTCCGSPQSPQLVRRG PRLWHTHTSDQQVSAVSNPSPCASVTAEGKTVRQPS
 VLYSWIQNKREQIKNFLSKRVLIMY FFSKHPEASIQAVFSDAQMHIWALEGLSHLVAA
 SFTEDRFGVVQTTLPAIINTLLTLQEA VDKYFKLPHASSKPPRTSGSLVDTSYKTLRF
 AFRASLKTAIYRITTTTGEHLNAVQASAE HQKRLQQFLEFKE

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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 mutiple 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; Transmembrane protein 48
UniProt ID	Q6AXN4

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