

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

Cat. No. RFL20106MF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Mouse Nucleoporin NDC1(Tmem48) Protein (Q8VCB1) (1-673aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Mus musculus

Source

E.coli

ProteinLength

Full Length (1-673)

Form

Lyophilized powder

AA Sequence

MATAASGPCAGGSPRDILWRVLGWRIVTSIVWSVLLPVCITAFIVLSSINLFHPIQWL
 S DSCNDFYSSQVIFHLLLLAVVIIIISIFNVEFYTVVPSISGSRLALIARILHPQQLTHSF I
 HAAMGMAVAWCAAIMTKGQYSSLVVPCTGTESLDSPAAQTCLNEYHLFFLLSGAFM
 GYS YSLLYFINNMNYLPFPIIQQYKFLRFRRSLLLLVKHSCVESLFMVRNFCIVYYFFG
 HIPK AWISTALDLHTDEQAHRPLDTIGLLNVSLLYHVWLCGVFLLVTWYSSWILFKI
 YATEAH VFPVQPPFAEASDECLPKVLNSNPPRIVKYLALQDLMLLSQYSPSRRQEVF
 SLSQPGGHP HNWTASRECLNLLNDMTQKLVLYQEAATNGRMYSYSVEPKKLS
 SAEETAFTPKPSQ TPSVPPLVKTSLSFSPKLSTPNVSSPFGTFFGSSVVNRMAGILD
 VNPFGSPQSPQLIRRG PRLWHTSDQQVSAISNPSPCASVTAEGKTVRQPSVIYS
 WIQNKREQIKNFLSKRVLIMY FFSKHPEASIQAVFSDAQMHIWALEGLSHLVAASFTE
 DRFGVVQTLPAILHTLLTLQEA VDKYFKLPHASSKPPRASGSLVDTSYKTLRFAFR
 ASLKTAIYRITTTFGEHLNAVQASAE HQKRLQQFLEFKE

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

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; Transmembrane protein 48
UniProt ID	Q8VCB1

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