

Recombinant Full Length *Xenopus laevis* Nucleoporin Ndc1(Tmem48) Protein, His-Tagged

Cat. No. RFL22982XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Full Length *Xenopus laevis* Nucleoporin NDC1(tmem48) Protein (Q6AX31) (1-660aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species *Xenopus laevis*

Source *E. coli*

ProteinLength Full Length (1-660)

Form Lyophilized powder

AA Sequence

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MTMLGERLVLRWRVAASFAWSVILMPVCCALFIVLSRIQILHPIQWLTDISISDLTSSYT
I FCLLLICAILGLQCTFLMEYYTVVPSIPCSRLALIGNLLLPHRILHSLAHVAMGVLASW
C YAVLSKGYQLLVVCTLQSEDEADKPSHCLNESHFLQLLCGAFFGYSYSLQYFV
HNMNY LSFPSIQQYKYLQFRRFLPLIIKQSVFQSLYFIRSYAILYFCLGNIPRTWIQTAL
NLHMD RQQPSLDTLRGFLNLSLFYQIWLSGTFLLATWYMWVILFRIYTTTEARIFPVQT
SFAEEAE KCLPFILNSNTLPLVKYLAMQDLVLLSQYSPSRRQEVFSLSQPGGHPHN
WTSISKECLNL MSSLTSRLIAHQEAAANNRMRVPSSPKQIRKSSSSSGTSLIEDSA
EQTQNLSTIPRIGI PSLKKTASLKSSLDIGSPFATPGVKQMSESLDPNTPCHGSVQSP
QVTRRGAKLWTSDSDV QKNGSEVSPVMHRPVCNGAKQGILHTWFQHKLVQIKNVL
SKRGLIMYLFKSKHPEASSQDV FADAQIHIWALEALSHLVAASFSEDRMGVVQTSLSL
VLAILLTLQEAVEKHFKLPHASSK PARNPGSLLDSSCKTLRFSLRAALKTAIYRITTTF
GEHLHAVPVSSEHKKKLQQFLDFKE
    
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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; xNDC1; Transmembrane protein 48
UniProt ID	Q6AX31

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