

# Recombinant Full Length *Xenopus tropicalis* Reticulon-1(Rtn1) Protein, His-Tagged

**Cat. No.** RFL16420XF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length <i>Xenopus tropicalis</i> Reticulon-1(rtn1) Protein (A7MC64) (1-764aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
<b>Species</b>	<i>Xenopus tropicalis</i> (Western clawed frog) ( <i>Silurana tropicalis</i> )
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	Full Length (1-764)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>MAANPEVFSGRLEGNVAAARRPGSAQEEEGEAAGGALSCVDQGRITIKAEQAGHPT  VAMEI TSTDFTSTLHLHDAESKELPGDENGLSYTYLSSDKHSHTDSTYFTGISKKGT  ESPDIKEF SGVGPRSPKEIPTFDSRGLLSSDSGIEMTPAECSEVNKSLADPTEEEKQ  EAYKYIDISRS PDMKPQQVLDKDFGENKASTIGQAAPTEQQAYDSVTMSWQKDHY  NGNISEYLPVYPYMEE PRKDFGLYNSPTSKEPKSAPVTISFTGMETTLQTEYPENQ  QGKSDKGLKLSPPDMVPTVTV SEPEDNSPESITPPSTDADGYTEPSGLEEQRKYKIS  EDELISAIKAKEGTKGFSSETNEE KQSYSFNVEKQDFTVLPTRDAPAPLDMEGSSTE  SGDSEIELVSEDQVGAEAMQSAYMTF SHIGGPPSPASPSIQYSILREEREAELDS  ELIIESCDGSSASEESPKRDQDSPMMKPMI MDIIEENLSRAESFDASDFESCSLKE  RKLNMENLAESACYLKGTYHTEIRADMPSTKKE ELLPQKKSPEGSAYQSKVLGKTS  TLPLKPLPFLSKRKAIELLYWRDIKQTGIVFGSVLLM LFSLTQFSVSVIAYLALAALSA  TISFRIYKSVLQAVQKTDEGHPFKSYLDMEISLSQEQ IQKYTDCLQAYTNSIVKELRR</p>

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LFLVQDLVDSLKFAVLMWLLTYVGALFNGLTLLIMAVVS MFSLPVVYDKYQAQIDQY  
LGLVRTNMNTIVTKIQAKIPGTKQKE

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** 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** rtn1

**Synonyms** rtn1; Reticulon-1

**UniProt ID** [A7MC64](#)

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