

Recombinant Full Length *Xenopus tropicalis* Apelin Receptor(Aplnr) Protein, His-Tagged

Cat. No. RFL-26865XF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Apelin receptor(aplnr) Protein (Q4VA82) (1-364aa), fused to N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Xenopus tropicalis</i> (Western clawed frog) (<i>Silurana tropicalis</i>)
Source	<i>E. coli</i>
ProteinLength	Full Length (1-364)
Form	Lyophilized powder
AA Sequence	<p>MATDEFSSSTTPSYDYYDYTNESGLPPCDETDWDLSSLLPVFYMIVFVLGLSGNG VVIF TVWKAKPKRRSADTYIGNLALADLAFVVTLPWATYTALGFHWPFGSALCKLS SYLVLLN MFASVFCLTCLSFDRYLAIVHSLSSAKLRSRSSILVSLAVIWLFSGLLALPS LILRDTRV EGNNTICDLDFSGVSSKENENFWIGGLSILTTVPGFLLPLLLMTIFYCFIG GKVTMHFQN LKKEEQKKRLLKIIITLVVVFAICWLPFHILKTIHFLDLMGFLELSCSTQ NIIVSLHPY ATCLAYINSLNPFLYAFFDLRFRSQCFGGFKKALQGHLSTSSSL AQTQKSEIHSL ATKV</p>
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

 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

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

aplnr

Synonyms

aplnr; agtrl1; Apelin receptor; Angiotensin receptor-like 1; Angiotensin receptor-related protein; G-protein coupled receptor APJ

UniProt ID

[Q4VA82](#)

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