

# Recombinant Full Length *Xenopus Tropicalis* Vezatin(Vezt) Protein, His-Tagged

**Cat. No.** RFL19512XF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Product Overview</b> | Recombinant Full Length <i>Xenopus tropicalis</i> Vezatin(vezt) Protein (Q28C41) (1-791aa), 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 (1-791)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | <p>MTAEFDDEEVVFENSPLFQYLQDLGQTDFEICPLSKEEEHLAGNGHGEQDVHTTEKK<br/> SNIS RTVEFLKSWSPFLFSKKKRDEKICLLENGFRLESLRILQQEVLIQEDVELIELLD<br/> PGILS AGQTQNQQNGHLPTLWSIATPNIWEMSVLFAFLSALAALQSWSISSSLVWG<br/> PSLILFAAF TVLRALHTWRSATLRMILRKYCNQVEGTVLNSRAFTNLVRKALRLIQET<br/> EVISRGFTLLL DRVSAACPYGKAGQHASQHLLGLRKAVYRTVRTNFRISRLATLYML<br/> KHYPINSEIDNVTN YICVVPLKDLGLGLCEEHVSEEEAHNLTDASFSLPALKVLFQLWI<br/> GQSSEFFRRLALLLSP ENAAQGHLASPEQLPHLIWSDVVQDLPHQTAAACLAELKRS<br/> YEFYRYFETQHQS GFERTAK RKKEVGELSNLHGAVRSLQLHLKALLNEVIILEDELE<br/> KLSSCKEMQAMTQEASLMLEEKL RIIQPHVQASNTCWEEALCQVGRMVRPAAKK<br/> DIEKSSCENLNFPVVSNMPPALRIEDRD PVPEEQILEAYVEEAVTDQEFNSEDYLFPS<br/> PEERERQKREREESKRVLQELKAVLGLKAS EAERQKWQQLLFSEHAVITPFLPEEP<br/> VGHFEPPDSVYPEDPCKNLGFYGEFTSEINGTEH AKDTPNQGDQLQNMNMNHEDEAK</p> |

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ICPLSEEAEPESGKDENESPCVPRTVLPPAIKERLARI HQTSDLNFTSGLAAQVAA  
 RSLTFTFLQEQTFGDEWDDDDDDNDNDDDNVDQVKNVESHEK ERNNVSLQLEE

**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** vezt

**Synonyms** vezt; TEgg004g23.1; Vezatin

**UniProt ID** [Q28C41](#)

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