

Recombinant Full Length *Xenopus Tropicalis* Vang-Like Protein 2(Vangl2) Protein, His-Tagged

Cat. No. RFL17544XF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length <i>Xenopus tropicalis</i> Vang-like protein 2(vangl2) Protein (Q4VBG5) (1-521aa), 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 (1-521)
Form	Lyophilized powder
AA Sequence	MDNDSQYSGYSYKSGHSRSSRKHRDRRERHRSKSREGSRGDKSVTIQAPGEPLLD NESTRGEDRDDNWGETTTVTGTSEHSISHDDITRITKDMEDSAKLDCSRHLGVVI GGALALLSF LTPIAFMLLPQILWREDLEQCGTACEGLFISVAFKLLILLGSWALFFRR PKAFFPRVFV FRALLMVLVFLLVVSYWLFYGVRILESRDKNYQGIVQYAVSLVDALLF VHYLAVVLELR QLQPQFTVKVVRSTDGASRFYNIGHLSIQRVAVWILENYYHDFPV YNPALLNLPKSILSK KMSGFKVYSLGEENTTNNSTGQSRVIAAAAARRRDNSHNEY YYEEAEHERRVRKRKARLV VAVEEAFTHIKRLQDEDQKNPREIMDPREAAQAIFAS MARAMQKYLRTTKQQPYHTMESI LHHLEFCITHDMTPKAFLERYLGPGPTIQYHKD RWLAKQWTLVSEEPVTNGLKDGVVFLV KRQDFSLVVSTKKIPFFKLSEEFVDPKSH KFVMRLQSETSV
Purity	Greater than 90% as determined by SDS-PAGE.

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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	vangl2
Synonyms	vangl2; stbm; Vang-like protein 2; Protein strabismus; Van Gogh-like protein 2
UniProt ID	Q4VBG5

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