

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 *Xenopus tropicalis* Vang-like protein 2(vangl2) Protein (Q4VBG5) (1-521aa), fused to N-terminal His tag, was expressed in *E. coli*.

Species

Xenopus tropicalis (Western clawed frog) (*Silurana tropicalis*)

Source

E. coli

ProteinLength

Full Length (1-521)

Form

Lyophilized powder

AA Sequence

MDNDSQYSGYSYKSGHSRSSRKHRDRRERHRSKSREGSRGDKSVTIQAPGEPLLD
 NESTR GEDRDDNWGETTTVVTGTSEHSISHDDITRITKDMEDSAKLDCSRHLGVVI
 GGALALLSF LTPIAFMLLPQILWREDLEQCGTACEGLFISVAFKLLILLGSWALFFRR
 PKAFFPRV FV FRALLMVLVFLLVVSYWLFYGVRILESRDKNYQGIVQYAVSLVDALLF
 VHYLAVLLELR QLQPQFTVKVVRSTDGASRFYNIGHLSIQRVAVWILENYHDFPV
 YNPALLNLPKSILSK KMSGFKVYSLGEENTTNNSTGQSRVIAAAAARRRDNSHNEY
 YEEAEHERRVRKRKARLV VAVEEAFTHIKRLQDEDQKNPREIMDPREAAQAIFAS
 MARAMQKYLRTTKQPYHTMESI LHHLEFCITHDMTPKAFLERYLPGPGPTIQYHKD
 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 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	vangl2
Synonyms	vangl2; stbm; Vang-like protein 2; Protein strabismus; Van Gogh-like protein 2
UniProt ID	Q4VBG5

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