

VANGL2 Blocking Peptide (C-Term)
Synthetic peptide
Catalog # BP21414b**Specification**

VANGL2 Blocking Peptide (C-Term) - Product InformationPrimary Accession [Q9ULK5](#)**VANGL2 Blocking Peptide (C-Term) - Additional Information****Gene ID** 57216**Other Names**

Vang-like protein 2, Loop-tail protein 1 homolog, Strabismus 1, Van Gogh-like protein 2, VANGL2, KIAA1215, STB1

Target/Specificity

The synthetic peptide sequence is selected from aa 376-390 of HUMAN VANGL2

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

VANGL2 Blocking Peptide (C-Term) - Protein Information**Name** VANGL2**Synonyms** KIAA1215, STB1**Function**

Involved in the control of early morphogenesis and patterning of both axial midline structures and the development of neural plate. Plays a role in the regulation of planar cell polarity, particularly in the orientation of stereociliary bundles in the cochlea. Required for polarization and movement of myocardializing cells in the outflow tract and seems to act via RHOA signaling to regulate this process. Required for cell surface localization of FZD3 and FZD6 in the inner ear (By similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein

VANGL2 Blocking Peptide (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

VANGL2 Blocking Peptide (C-Term) - Images

VANGL2 Blocking Peptide (C-Term) - Background

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VANGL2 Blocking Peptide (C-Term) - References

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Gregory S.G.,et al.Nature 441:315-321(2006).

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