

Product Information

MemDX™ Membrane Protein Human VANGL1 (VANGL planar cell polarity protein 1)

Cat. No.: **MP0254J**

This product is for research use only and is not intended for diagnostic use.

This product is a 59.8 kDa Human VANGL1 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

VANGL1

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

59.8 kDa

TMD

4

Sequence

MDTESTYSGYSYSSHSKKSHRQGERTRETRERHKSPRNKDGRGSEKSVTIQPPTGEP LLGNDSTRTEEVQDD
NWGETTTAITGTSEHSISQEDIARISKDMEDSVGLDCKRYLG LTVASFLG LLVFLTPIAFILLPPILWRD
ELEPCGTICEGLFISMAFKLLILLIGTWALFFRKRRADMPRVFVFRALLLV LIFLVVSYWLFYGV RILD
SRDRNYQGIVQYAVSLVDALLFIHYLAIVLLELRQLQPMFTLQVVRSTDGESRFYSLGHLSIQRAALVVL
ENYYKDFTIYNPNLLTASKFRAAKHMAGLKVYNVDGPSNNATGQSRAMIAAAARRRDSSHNELYYEEAEH
ERRVKKRKARLVVAVEEAFIHIQRLQAEEQQKAPGEVMDPREAAQAIFPSMARALQKYL RITRQQNYHSM
ESILQH LAFCITNGMTPKAFLERYLSAGPTLQYDKDRWLSTQWRLVSDEAVTNGLRDGIVFVLKCLDFS L
VVNVKKIPFIILSEEFIDPKSHKFVLR LQSETSV

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

VANGL1

Full Name

VANGL planar cell polarity protein 1

Introduction

This gene encodes a member of the tetraspanin family. The encoded protein may be involved in mediating intestinal trefoil factor induced wound healing in the intestinal mucosa. Mutations in this gene are associated with neural tube defects. Alternate splicing results in multiple transcript variants.

Alternative Names

LPP2; STB2; STBM2; KITENIN; loop-tail protein 2 homolog; strabismus 2; KAI1 C-terminal interacting tetraspanin; van Gogh-like protein 1

Gene ID

[81839](#)

UniProt ID

[Q8TAA9](#)