

## Product datasheet for TP309024M

### VANGL1 (NM\_138959) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vang-like 1 (van gogh, Drosophila) (VANGL1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209024 protein sequence Red=Cloning site Green=Tags(s)

MDTESTYSGYSYSSHSKSKSHRQGERTRERHKS PRNKDGRGSEKSVTIQPPTGPELLGNDSTRTEEVQDD  
NWGETTTAITGTSEHSISQEDIARISKDMEDSVGLDCKRYLGLTVASFLLVFLTPIAFILLPPILWRD  
ELEPCGTICEGLFISMAFKLLILLIGTWALFFRKR RADMPRVFVFRALLLVLFVVSYWLFYGV RILD  
SRDRNYQGIVQYAVSLVDALLFIHYLAIVLLELRQLQPMFTLQVWRSTDGESRFYSLGHLSIQRAALVWL  
ENYYKDFTIYNPNLLTASKFRAAKHMAGLKVYNVDGPSNNATGQSRAMIAAAAARRRDS SHNELYYEEAEH  
ERRVKKRKARLVVAVEEAFIHIQRLQAEQQKAPGEVMDPREAAQAIFPSMARALQKYL RITRQQNYHSM  
ESILQHAFICITNGMTPKAFLELYLSAGPTLQYDKDRWLSTQWRLVSDEAVTNGLRD GIVFVLKCLDFSL  
VVNVKKIPFIILSEEFIDPKSHK FVLR LQSETSV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	59.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_620409](#)

Locus ID: 81839

UniProt ID: [Q8TAA9](#), [A0A024R0E3](#)

RefSeq Size: 8691

Cytogenetics: 1p13.1

RefSeq ORF: 1572

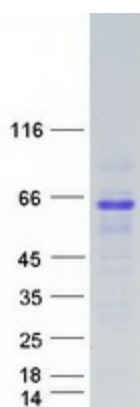
Synonyms: KITENIN; LPP2; STB2; STBM2

**Summary:** 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. [provided by RefSeq, Feb 2010]

**Protein Families:** Transmembrane

**Protein Pathways:** Wnt signaling pathway

### Product images:



Coomassie blue staining of purified VANGL1 protein (Cat# [TP309024]). The protein was produced from HEK293T cells transfected with VANGL1 cDNA clone (Cat# [RC209024]) using MegaTran 2.0 (Cat# [TT210002]).