

Product datasheet for PH309024

VANGL1 (NM_138959) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VANGL1 MS Standard C13 and N15-labeled recombinant protein (NP_620409)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209024
Predicted MW:	60 kDa
Protein Sequence:	>RC209024 protein sequence Red=Cloning site Green=Tags(s)

MDTESTYSGYSYSSHSKSHRQGERTRERHKSPRNKDGRGSEKSVTIQPPTGPELLGNDSTRTEEVQDD
NWGETTTAITGTSEHSISQEDIARISKDMEDSVGLDCKRYLGLTVASFLGLLVFLTPIAFILLPPILWRD
ELEPCGTICEGLFISMAFKLLILLIGTWALFFRKRRADMPRVFVFRALLLVLI FLFVVSYWLFYGVRIID
SRDRNYQGIVQYAVSLVDALLFIHYLAIVLLELRQLQPMFTLQVVRSTDGESRFYSLGHL SIQRAALVVL
ENYYKDFTIYNPNLLTASKFRAAKHMAGLKVYNVDGPSN NATGQSRAMIAAAARRRDS SHNELYEEAEH
ERRVKKRKARLVVAVEEAFIHIQRLQAEEQKAPGEVMDPREAAQAI FPSMARALQKYLRI TRQQNYHSM
ESILQHLAFCITNGMTPKAFLERYLSAGPTLQYDKDRWLSTQWRLVSDEAVTNGLRD GIVFVLKCLDFSL
VVNVKKIPFIILSEEFIDPKSHKFVLR LQSETSV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_620409</u>
RefSeq Size:	8691
RefSeq ORF:	1572



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Synonyms: KITENIN; LPP2; STB2; STBM2

Locus ID: 81839

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

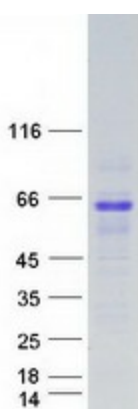
Cytogenetics: 1p13.1

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]).