

# VAV3 (Human) Cell-Based ELISA Kit

Catalog # KA5675

Size 1 Kit

## Specification

|                            |                                                                                                                                                |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | VAV3 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of VAV3 expression in cultured cells. |
| <b>Suitable Sample</b>     | Adherent cells, Suspension cells and Loosely attached cells                                                                                    |
| <b>Label</b>               | HRP-conjugated                                                                                                                                 |
| <b>Detection Method</b>    | Colorimetric                                                                                                                                   |
| <b>Assay Type</b>          | Qualitative                                                                                                                                    |
| <b>Reactivity</b>          | Human                                                                                                                                          |
| <b>Regulatory Status</b>   | For research use only (RUO)                                                                                                                    |
| <b>Storage Instruction</b> | Store the kit at 4°C.                                                                                                                          |

## Applications

- Qualitative

## Gene Info — VAV3

|                         |                                          |
|-------------------------|------------------------------------------|
| <b>Entrez GeneID</b>    | <a href="#">10451</a>                    |
| <b>Gene Name</b>        | VAV3                                     |
| <b>Gene Alias</b>       | FLJ40431                                 |
| <b>Gene Description</b> | vav 3 guanine nucleotide exchange factor |
| <b>Omim ID</b>          | <a href="#">605541</a>                   |

## Gene Ontology

[Hyperlink](#)

## Gene Summary

This gene is a member of the VAV gene family. The VAV proteins are guanine nucleotide exchange factors (GEFs) for Rho family GTPases that activate pathways leading to actin cytoskeletal rearrangements and transcriptional alterations. This gene product acts as a GEF preferentially for RhoG, RhoA, and to a lesser extent, RAC1, and it associates maximally with the nucleotide-free states of these GTPases. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

## Other Designations

OTTHUMP00000012665|vav 3 oncogene

## Pathway

- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Leukocyte transendothelial migration](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Regulation of actin cytoskeleton](#)
- [T cell receptor signaling pathway](#)

## Disease

- [Angina Pectoris](#)
- [Cardiovascular Diseases](#)
- [Coronary Vasospasm](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)

- [Tobacco Use Disorder](#)