

Recombinant Human DAAM1 Protein, MYC/DDK-tagged

Cat. No. DAAM1-989H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DAAM1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Cell motility, adhesion, cytokinesis, and other functions of the cell cortex are mediated by reorganization of the actin cytoskeleton and several formin homology (FH) proteins have been associated with these processes. The protein encoded by this gene contains two FH domains and belongs to a novel FH protein subfamily implicated in cell polarity. A key regulator of cytoskeletal architecture, the small GTPase Rho, is activated during development by Wnt/Fz signaling to control cell polarity and movement. The protein encoded by this gene is thought to function as a scaffolding protein for the Wnt-induced assembly of a disheveled (Dvl)-Rho complex. This protein also promotes the nucleation and elongation of new actin filaments and regulates cell growth through the stabilization of microtubules. Alternative splicing results in multiple transcript variants encoding distinct proteins. [provided by RefSeq, Jul 2012].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	123.3 kDa
Purity	>50 ug/mL as determined by microplate BCA method

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name DAAM1 dishevelled associated activator of morphogenesis 1 [Homo sapiens]

Official Symbol DAAM1

Synonyms FLJ41657; KIAA0666

Gene ID 23002

mRNA Refseq NM_014992

Protein Refseq NP_055807

MIM 606626

UniProt ID Q9Y4D1

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