

Recombinant Human DAAM1 Protein, GST-tagged

Cat. No. DAAM1-2312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DAAM1 partial ORF (NP_055807, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]
Molecular Mass	37.84 kDa
AA Sequence	MAPRKRGGRGISFIFCCFRNNDHPEITYRLRNDNFALQTMEPALPMPVVEELDVMS SELVDELDLTDKHKREAMFALPAEKKWQIYCSKKKDQEENKGATSWPEFYIDQL
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

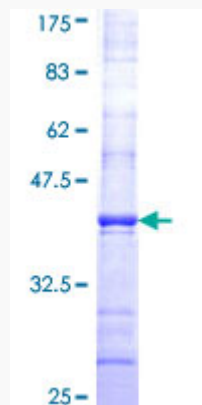
GENE INFORMATION

Gene Name	DAAM1 dishevelled associated activator of morphogenesis 1 [Homo sapiens]
Official Symbol	DAAM1
Synonyms	DAAM1; dishevelled associated activator of morphogenesis 1; disheveled-associated activator of morphogenesis 1; KIAA0666; FLJ41657;
Gene ID	23002
mRNA Refseq	NM_014992
Protein Refseq	NP_055807
MIM	606626
UniProt ID	Q9Y4D1

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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