

Recombinant Mouse Daam1 Protein, Myc/DDK-tagged

Cat. No. Daam1-2444M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dishevelled associated activator of morphogenesis 1 (Daam1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Binds to disheveled (Dvl) and Rho, and mediates Wnt-induced Dvl-Rho complex formation. May play a role as a scaffolding protein to recruit Rho-GDP and Rho-GEF, thereby enhancing Rho-GTP formation. Can direct nucleation and elongation of new actin filaments. Involved in building functional cilia. Involved in the organization of the subapical actin network in multiciliated epithelial cells. Together with DAAM2, required for myocardial maturation and sarcomere assembly.
Molecular Mass	123.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Daam1 dishevelled associated activator of morphogenesis 1 [Mus musculus (house mouse)]

Official Symbol Daam1

Synonyms Daam1; dishevelled associated activator of morphogenesis 1; disheveled-associated activator of morphogenesis 1

Gene ID 208846

mRNA Refseq NM_026102

Protein Refseq NP_080378

UniProt ID Q8BPM0

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