Product datasheet for MR211599L3V

Daam1 (NM_026102) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Daam1 (NM_026102) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Daam1
Synonyms:	1700066F09Rik; 2310028E21Rik; AI503486; E130308H01; mKIAA0666
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_026102
ORF Size:	3231 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211599).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_026102.2, NP_080378.2
RefSeq Size:	6004 bp
RefSeq ORF:	3234 bp
Locus ID:	208846
UniProt ID:	Q8BPM0
Cytogenetics:	12 C3

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Gene Summary:

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 (By similarity). Involved in building functional cilia. Involved in the organization of the subapical actin network in multiciliated epithelial cells (By similarity). Together with DAAM2, required for myocardial maturation and sarcomere assembly (PubMed:26526197).[UniProtKB/Swiss-Prot Function]