

Product datasheet for **MR221139L4V**

Spag9 (NM_001025429) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Spag9 (NM_001025429) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Spag9
Synonyms:	3110018C07Rik; 4733401123Rik; 4831406C20Rik; AW552012; Jip4; JLP; JSAP2; JSAP2a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001025429
ORF Size:	3504 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221139).
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_001025429.1
RefSeq Size:	6928 bp
RefSeq ORF:	3507 bp
Locus ID:	70834
UniProt ID:	Q58A65
Cytogenetics:	11 D



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Gene Summary:

The JNK-interacting protein (JIP) group of scaffold proteins selectively mediates JNK signaling by aggregating specific components of the MAPK cascade to form a functional JNK signaling module (PubMed:12391307, PubMed:15767678). Regulates lysosomal positioning by acting as an adapter protein which links PIP4P1-positive lysosomes to the dynein-dynactin complex (By similarity).[UniProtKB/Swiss-Prot Function]