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Product datasheet for MR226884L2V

Itgav (NM_008402) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Itgav (NM_008402) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Itgav
Synonyms:	1110004F14Rik; 2610028E01Rik; CD51; D430040G12Rik
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_008402
ORF Size:	3132 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226884).
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_008402.3, NP_032428.2
RefSeq Size:	7054 bp
RefSeq ORF:	3135 bp
Locus ID:	16410
UniProt ID:	P43406
Cytogenetics:	2 49.33 cM

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Gene Summary: This gene encodes a protein that is a member of the integrin superfamily. Integrins are transmembrane receptors involved cell adhesion and signaling, and they are subdivided based on the heterodimer formation of alpha and beta chains. This protein has been shown to heterodimerize with beta 1, beta 3, beta 6 and beta 8. The heterodimer of alpha v and beta 3 forms the Vitronectin receptor. This protein interacts with several extracellular matrix proteins to mediate cell adhesion and may play a role in cell migration. In mouse, deficiency of this gene is associated with defects in vascular morphogenesis in the brain and early post-natal death. [provided by RefSeq, May 2013]

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