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Product datasheet for RC225581L4V

RBED1 (ELMOD3) (NM_001135021) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RBED1 (ELMOD3) (NM_001135021) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RBED1
Synonyms:	DFNB88; LST3; RBED1; RBM29
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001135021
ORF Size:	1143 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC225581).`
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_001135021.1, NP_001128493.1
RefSeq ORF:	1146 bp
Locus ID:	84173
UniProt ID:	Q96FG2
Cytogenetics:	2p11.2
MW:	42.9 kDa

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Gene Summary: This gene encodes a member of the engulfment and cell motility family of GTPase-activating proteins that regulate Arf GTPase proteins. Members of this family are defined by a conserved engulfment and cell motility domain. In rat cochlea, the encoded protein is found in stereocilia, kinocilia and cuticular plate of developing hair cells suggesting a function for this protein in cochlear sensory cells. An allelic variant of this family has been associated with autosomal recessive nonsyndromic deafness-88 in humans. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016]