Product datasheet for RC229051L4V

GEF H1 (ARHGEF2) (NM_001162384) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	GEF H1 (ARHGEF2) (NM_001162384) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GEF H1
Synonyms:	GEF; GEF-H1; GEFH1; Lfc; LFP40; NEDMHM; P40
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001162384
ORF Size:	2955 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229051).
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_001162384.1, NP_001155856.1
RefSeq Size:	4191 bp
RefSeq ORF:	2958 bp
Locus ID:	9181
UniProt ID:	Q92974
Cytogenetics:	1q22
Protein Families:	Druggable Genome
Protein Pathways:	Pathogenic Escherichia coli infection

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MW:	111.5 kDa

Gene Summary:	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form complex with G proteins and stimulate rho-dependent signals. Alternatively spliced transcript variants encoding different isoforms have been identified.[provided by RefSeq, Jun 2009]