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Product datasheet for RC215009L1V

Annexin A2 (ANXA2) (NM_001002858) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Annexin A2 (ANXA2) (NM_001002858) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Annexin A2
Synonyms:	ANX2; ANX2L4; CAL1H; HEL-S-270; LIP2; LPC2; LPC2D; P36; PAP-IV
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_001002858
ORF Size:	1071 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC215009).`
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_001002858.1, NP_001002858.1
RefSeq Size:	1635 bp
RefSeq ORF:	1074 bp
Locus ID:	302
UniProt ID:	P07355
Cytogenetics:	15q22.2
Protein Families:	Druggable Genome, Secreted Protein, Stem cell - Pluripotency
MW:	40.2 kDa

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Gene Summary: This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. Annexin A2 expression has been found to correlate with resistance to treatment against various cancer forms. [provided by RefSeq, Dec 2019]