

Product datasheet for **RC223358L4V**

NOMO2 (NM_173614) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NOMO2 (NM_173614) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NOMO2
Synonyms:	Nomo; PM5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_173614
ORF Size:	3666 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223358).
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_173614.2 , NP_775885.1
RefSeq Size:	4317 bp
RefSeq ORF:	3669 bp
Locus ID:	283820
UniProt ID:	Q5JPE7
Cytogenetics:	16p12.3
MW:	134 kDa


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Gene Summary:

This gene encodes a protein originally thought to be related to the collagenase gene family. This gene is one of three highly similar genes in a region of duplication located on the p arm of chromosome 16. These three genes encode closely related proteins that may have the same function. The protein encoded by one of these genes has been identified as part of a protein complex that participates in the Nodal signaling pathway during vertebrate development. Mutations in ABCC6, which is located nearby, rather than mutations in this gene are associated with pseudoxanthoma elasticum (PXE). Two transcripts encoding different isoforms have been described. [provided by RefSeq, Jul 2008]