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Product datasheet for RC206058L3V

NME5 (NM_003551) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	NME5 (NM_003551) Human Tagged ORF Clone Lentiviral Particle
Symbol:	NME5
Synonyms:	NM23-H5; NM23H5; RSPH23
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003551
ORF Size:	636 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC206058).`
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_003551.2
RefSeq Size:	1243 bp
RefSeq ORF:	639 bp
Locus ID:	8382
UniProt ID:	P56597
Cytogenetics:	5q31.2
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Purine metabolism, Pyrimidine metabolism

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MW: 24.2 kDa

Gene Summary: Does not seem to have NDK kinase activity. Confers protection from cell death by Bax and alters the cellular levels of several antioxidant enzymes including Gpx5. May play a role in spermiogenesis by increasing the ability of late-stage spermatids to eliminate reactive oxygen species (By similarity).[UniProtKB/Swiss-Prot Function]