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Product datasheet for RC200520L4V

Dynein light chain (DNAL4) (NM_005740) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Dynein light chain (DNAL4) (NM_005740) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Dynein light chain
Synonyms:	MRMV3; PIG27
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005740
ORF Size:	315 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC200520).`
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_005740.2
RefSeq Size:	1504 bp
RefSeq ORF:	318 bp
Locus ID:	10126
UniProt ID:	O96015
Cytogenetics:	22q13.1
Domains:	Dynein_light
Protein Pathways:	Huntington's disease

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MW: 12 kDa

Gene Summary: This gene encodes an axonemal dynein light chain which functions as a component of the outer dynein arms complex. This complex acts as the molecular motor that provides the force to move cilia in an ATP-dependent manner. The encoded protein is expressed in tissues with motile cilia or flagella and may be involved in the movement of sperm flagella. [provided by RefSeq, Dec 2014]