

Product datasheet for **RC225806L3V**

CAP1 (NM_001105530) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CAP1 (NM_001105530) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CAP1
Synonyms:	CAP; CAP1-PEN
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001105530
ORF Size:	1425 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC225806).
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_001105530.1 , NP_001099000.1
RefSeq Size:	2780 bp
RefSeq ORF:	1428 bp
Locus ID:	10487
UniProt ID:	Q01518
Cytogenetics:	1p34.2
Protein Families:	Druggable Genome
MW:	51.7 kDa


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Gene Summary:

The protein encoded by this gene is related to the *S. cerevisiae* CAP protein, which is involved in the cyclic AMP pathway. The human protein is able to interact with other molecules of the same protein, as well as with CAP2 and actin. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Aug 2016]