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Product datasheet for RC202858L3V

p60 CAF1 (CHAF1B) (NM_005441) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	p60 CAF1 (CHAF1B) (NM_005441) Human Tagged ORF Clone Lentiviral Particle
Symbol:	p60 CAF1
Synonyms:	CAF-1; CAF-IP60; CAF1; CAF1A; CAF1P60; MPHOSPH7; MPP7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005441
ORF Size:	1677 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC202858).`
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_005441.2
RefSeq Size:	2297 bp
RefSeq ORF:	1680 bp
Locus ID:	8208
UniProt ID:	Q13112
Cytogenetics:	21q22.12-q22.13
Domains:	WD40
Protein Families:	Druggable Genome, Transcription Factors

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MW: 61.5 kDa

Gene Summary: Chromatin assembly factor I (CAF-I) is required for the assembly of histone octamers onto newly-replicated DNA. CAF-I is composed of three protein subunits, p50, p60, and p150. The protein encoded by this gene corresponds to the p60 subunit and is required for chromatin assembly after replication. The encoded protein is differentially phosphorylated in a cell cycle-dependent manner. In addition, it is normally found in the nucleus except during mitosis, when it is released into the cytoplasm. This protein is a member of the WD-repeat HIR1 family and may also be involved in DNA repair. [provided by RefSeq, Jul 2008]