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Product datasheet for RC210480L2V

CAPZB (NM_004930) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CAPZB (NM_004930) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CAPZB
Synonyms:	CAPB; CAPPB; CAPZ
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004930
ORF Size:	816 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210480).
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_004930.2
RefSeq Size:	1647 bp
RefSeq ORF:	819 bp
Locus ID:	832
UniProt ID:	P47756
Cytogenetics:	1p36.13
Domains:	F_actin_cap_B
MW:	30.4 kDa

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Gene Summary: This gene encodes the beta subunit of the barbed-end actin binding protein, which belongs to the F-actin capping protein family. The capping protein is a heterodimeric actin capping protein that blocks actin filament assembly and disassembly at the fast growing (barbed) filament ends and functions in regulating actin filament dynamics as well as in stabilizing actin filament lengths in muscle and nonmuscle cells. A pseudogene of this gene is located on the long arm of chromosome 2. Multiple alternatively spliced transcript variants encoding different isoforms have been found.[provided by RefSeq, Aug 2013]