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Product datasheet for RC211299L4V

Casein Kinase 2 beta (CSNK2B) (NM_001320) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Casein Kinase 2 beta (CSNK2B) (NM_001320) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Casein Kinase 2 beta
Synonyms:	CK2B; CK2N; Ckb1; Ckb2; CSK2B; G5A; POBINDS
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001320
ORF Size:	645 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC211299).`
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_001320.5
RefSeq Size:	1149 bp
RefSeq ORF:	648 bp
Locus ID:	1460
UniProt ID:	P67870
Cytogenetics:	6p21.33
Domains:	CK_II_beta
Protein Families:	Druggable Genome

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Protein Pathways: Adherens junction, Tight junction, Wnt signaling pathway

MW: 24.9 kDa

Gene Summary: This gene encodes the beta subunit of casein kinase II, a ubiquitous protein kinase which regulates metabolic pathways, signal transduction, transcription, translation, and replication. The enzyme is composed of three subunits, alpha, alpha prime and beta, which form a tetrameric holoenzyme. The alpha and alpha prime subunits are catalytic, while the beta subunit serves regulatory functions. The enzyme localizes to the endoplasmic reticulum and the Golgi apparatus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]