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Product datasheet for RC203951L3V

S100 alpha 6 (S100A6) (NM_014624) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	S100 alpha 6 (S100A6) (NM_014624) Human Tagged ORF Clone Lentiviral Particle
Symbol:	S100 alpha 6
Synonyms:	2A9; 5B10; CABP; CACY; PRA; S10A6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_014624
ORF Size:	270 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC203951).`
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_014624.3
RefSeq Size:	683 bp
RefSeq ORF:	273 bp
Locus ID:	6277
UniProt ID:	P06703
Cytogenetics:	1q21.3
Domains:	S_100, EFh
MW:	10.2 kDa

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Gene Summary: The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in stimulation of Ca2+-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma. [provided by RefSeq, Jul 2008]