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Product datasheet for RC211660L3V

S100 Calcium Binding Protein A13 (S100A13) (NM_001024211) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	S100 Calcium Binding Protein A13 (S100A13) (NM_001024211) Human Tagged ORF Clone Lentiviral Particle
Symbol:	S100 Calcium Binding Protein A13
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001024211
ORF Size:	294 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211660).
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_001024211.1, NP_001019382.1
RefSeq Size:	667 bp
RefSeq ORF:	297 bp
Locus ID:	6284
UniProt ID:	Q99584
Cytogenetics:	1q21.3
Protein Families:	Druggable Genome
MW:	11.5 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 is widely expressed in various types of tissues with a high expression level in thyroid gland. In smooth muscle cells, this protein co-expresses with other family members in the nucleus and in stress fibers, suggesting diverse functions in signal transduction. Multiple alternatively spliced transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]