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Product datasheet for RC203674L3V

MOSC1 (MARC1) (NM_022746) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Symbol:	MOSC1
Synonyms:	MARC1; MOSC1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_022746
ORF Size:	1011 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203674).
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_022746.2, NP_073583.2
RefSeq Size:	2258 bp
RefSeq ORF:	1014 bp
Locus ID:	64757
UniProt ID:	Q5VT66
Cytogenetics:	1q41

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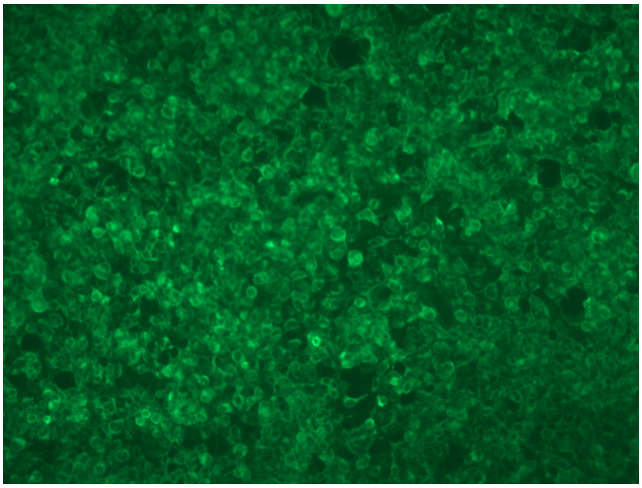
Domains: MOSC_N

Protein Families: Transmembrane

MW: 37.5 kDa

Gene Summary: As a component of an N-hydroxylated prodrug-converting complex required to reduce N-hydroxylated prodrugs, such as benzamidoxime. Also able to reduce N(omega)-hydroxy-L-arginine (NOHA) and N(omega)-hydroxy-N(delta)-methyl-L-arginine (NHAM) into L-arginine and N(delta)-methyl-L-arginine, respectively.[UniProtKB/Swiss-Prot Function]

Product images:



[RC203674L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC203674L3V particle to overexpress human MARC1-Myc-DDK fusion protein.