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Product datasheet for RC214727L1V

SRP72 (NM_006947) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SRP72 (NM_006947) Human Tagged ORF Clone Lentiviral Particle
Symbol:	SRP72
Synonyms:	BMFF; BMFS1; HEL103
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_006947
ORF Size:	2013 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214727).
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_006947.2
RefSeq Size:	3852 bp
RefSeq ORF:	2016 bp
Locus ID:	6731
UniProt ID:	O76094
Cytogenetics:	4q12
Domains:	TPR
Protein Pathways:	Protein export

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MW: 74.4 kDa

Gene Summary: This gene encodes the 72 kDa subunit of the signal recognition particle (SRP), a ribonucleoprotein complex that mediates the targeting of secretory proteins to the endoplasmic reticulum (ER). The SRP complex consists of a 7S RNA and 6 protein subunits: SRP9, SRP14, SRP19, SRP54, SRP68, and SRP72, that are bound to the 7S RNA as monomers or heterodimers. SRP has at least 3 distinct functions that can be associated with the protein subunits: signal recognition, translational arrest, and ER membrane targeting by interaction with the docking protein. Mutations in this gene are associated with familial bone marrow failure. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2012]

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