

Product datasheet for **RC214718L3V**

HSPB2 (NM_001541) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HSPB2 (NM_001541) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HSPB2
Synonyms:	Hs.78846; HSP27; LOH11CR1K; MKBP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001541
ORF Size:	546 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214718).
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_001541.2
RefSeq Size:	858 bp
RefSeq ORF:	549 bp
Locus ID:	3316
UniProt ID:	Q16082
Cytogenetics:	11q23.1
MW:	20.2 kDa



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Gene Summary:

The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The protein is expressed preferentially in the heart and skeletal muscle. This protein regulates Myotonic Dystrophy Protein Kinase, which plays an important role in maintenance of muscle structure and function. [provided by RefSeq, Dec 2012]