

Product datasheet for **RC202209L2V**

Hsc70 (HSPA8) (NM_006597) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hsc70 (HSPA8) (NM_006597) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Hsc70
Synonyms:	HEL-33; HEL-S-72p; HSC54; HSC70; HSC71; HSP71; HSP73; HSPA10; LAP-1; LAP1; NIP71
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006597
ORF Size:	1938 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202209).
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_006597.3
RefSeq Size:	2473 bp
RefSeq ORF:	1941 bp
Locus ID:	3312
UniProt ID:	P11142
Cytogenetics:	11q24.1
Domains:	HSP70
Protein Families:	Stem cell - Pluripotency



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Protein Pathways: Antigen processing and presentation, Endocytosis, MAPK signaling pathway, Spliceosome

MW: 70.9 kDa

Gene Summary: This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]