

Product datasheet for **RC220214L1V**

HERC2 (NM_004667) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HERC2 (NM_004667) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HERC2
Synonyms:	D15F37S1; jdf2; MRT38; p528; SHEP1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_004667
ORF Size:	14502 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220214).
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_004667.3
RefSeq Size:	15351 bp
RefSeq ORF:	14505 bp
Locus ID:	8924
UniProt ID:	O95714
Cytogenetics:	15q13.1
Domains:	RCC1, ZnF_ZZ, HECT, heme_1
Protein Pathways:	Ubiquitin mediated proteolysis



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MW: 527 kDa

Gene Summary: This gene belongs to the HERC gene family that encodes a group of unusually large proteins, which contain multiple structural domains. All members have at least 1 copy of an N-terminal region showing homology to the cell cycle regulator RCC1 and a C-terminal HECT (homologous to E6-AP C terminus) domain found in a number of E3 ubiquitin protein ligases. Genetic variations in this gene are associated with skin/hair/eye pigmentation variability. Multiple pseudogenes of this gene are located on chromosomes 15 and 16. [provided by RefSeq, Mar 2012]