

## Product datasheet for **RC202204L2V**

### **DNAJA2 (NM\_005880) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	DNAJA2 (NM_005880) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DNAJA2
Synonyms:	CPR3; DJ3; DJA2; DNAJ; DNJ3; HIRIP4; PRO3015; RDJ2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005880
ORF Size:	1236 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC202204).
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. <a href="#">More info</a>
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:	<a href="#">NM_005880.2</a>
RefSeq Size:	3066 bp
RefSeq ORF:	1239 bp
Locus ID:	10294
UniProt ID:	<a href="#">O60884</a>
Cytogenetics:	16q11.2
Domains:	Dnaj_CXXCXGXG, Dnaj, Dnaj_C
MW:	45.7 kDa



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**Gene Summary:**

The protein encoded by this gene belongs to the evolutionarily conserved DNAJ/HSP40 family of proteins, which regulate molecular chaperone activity by stimulating ATPase activity. DNAJ proteins may have up to 3 distinct domains: a conserved 70-amino acid J domain, usually at the N terminus; a glycine/phenylalanine (G/F)-rich region; and a cysteine-rich domain containing 4 motifs resembling a zinc finger domain. The product of this gene works as a cochaperone of Hsp70s in protein folding and mitochondrial protein import in vitro. [provided by RefSeq, Jul 2008]