

## Product datasheet for **RC206300L4V**

### **GABPA (NM\_002040) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	GABPA (NM_002040) Human Tagged ORF Clone Lentiviral Particle
Symbol:	GABPA
Synonyms:	E4TF1-60; E4TF1A; NFT2; NRF2; NRF2A; RCH04A07
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002040
ORF Size:	1362 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206300).
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_002040.2</a>
RefSeq Size:	5182 bp
RefSeq ORF:	1365 bp
Locus ID:	2551
UniProt ID:	<a href="#">Q06546</a>
Cytogenetics:	21q21.3
Domains:	ETS, SAM_PNT
Protein Families:	Transcription Factors



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**MW:** 51.3 kDa

**Gene Summary:** This gene encodes one of three GA-binding protein transcription factor subunits which functions as a DNA-binding subunit. Since this subunit shares identity with a subunit encoding the nuclear respiratory factor 2 gene, it is likely involved in activation of cytochrome oxidase expression and nuclear control of mitochondrial function. This subunit also shares identity with a subunit constituting the transcription factor E4TF1, responsible for expression of the adenovirus E4 gene. Because of its chromosomal localization and ability to form heterodimers with other polypeptides, this gene may play a role in the Down Syndrome phenotype. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Oct 2010]