

Product datasheet for **RC226672L2V**

Nrf2 (NFE2L2) (NM_001145412) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nrf2 (NFE2L2) (NM_001145412) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Nrf2
Synonyms:	HEBP1; IMDDHH; Nrf-2; NRF2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001145412
ORF Size:	1815 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226672).
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_001145412.2 , NP_001138884.1
RefSeq Size:	2746 bp
RefSeq ORF:	1770 bp
Locus ID:	4780
UniProt ID:	Q16236
Cytogenetics:	2q31.2
Protein Families:	Transcription Factors
MW:	67.8 kDa


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Gene Summary:

This gene encodes a transcription factor which is a member of a small family of basic leucine zipper (bZIP) proteins. The encoded transcription factor regulates genes which contain antioxidant response elements (ARE) in their promoters; many of these genes encode proteins involved in response to injury and inflammation which includes the production of free radicals. Multiple transcript variants encoding different isoforms have been characterized for this gene. [provided by RefSeq, Sep 2015]