

Product datasheet for **MR226730L4V**

Nrf1 (NM_001164228) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nrf1 (NM_001164228) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Nrf1
Synonyms:	C87038; D6Ertd415e
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164228
ORF Size:	1347 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226730).
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_001164228.1 , NP_001157700.1
RefSeq Size:	2131 bp
RefSeq ORF:	1350 bp
Locus ID:	18181
Cytogenetics:	6 12.47 cM



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Gene Summary:

Transcription factor that activates the expression of the EIF2S1 (EIF2-alpha) gene. Links the transcriptional modulation of key metabolic genes to cellular growth and development. Implicated in the control of nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication (By similarity).[UniProtKB/Swiss-Prot Function]