

## Product datasheet for **TA347012S**

### **NRF1 Mouse Monoclonal Antibody [Clone ID: 9E6-H8-B6]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	9E6-H8-B6
Applications:	WB
Recommended Dilution:	WB: 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	The immunogen for NRF1 antibody: purified recombinant human TCF11/NRF1 protein fragments expressed in E.coli
Formulation:	Purified mouse monoclonal in PBS(pH 7.4)containing with 0.02% sodium azide,50% glycerol,0.1%BSA.
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	72 kDa
Gene Name:	nuclear respiratory factor 1
Database Link:	<a href="#">NP_001035199</a> <a href="#">Entrez Gene 4899 Human</a> <a href="#">Q16656</a>



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<b>Background:</b>	This gene encodes a protein that homodimerizes and functions as a transcription factor which activates the expression of some key metabolic genes regulating cellular growth and nuclear genes required for respiration, heme biosynthesis, and mitochondrial DNA transcription and replication. The protein has also been associated with the regulation of neurite outgrowth. Alternate transcriptional splice variants, which encode the same protein, have been characterized. Additional variants encoding different protein isoforms have been described but they have not been fully characterized. Confusion has occurred in bibliographic databases due to the shared symbol of NRF1 for this gene and for "nuclear factor (erythroid-derived 2)-like 1" which has an official symbol of NFE2L1. [provided by RefSeq, Jul 2008]"
<b>Synonyms:</b>	ALPHA-PAL
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	Huntington's disease