

## Product datasheet for **TP508550**

### Nrf1 (NM\_001164227) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nuclear respiratory factor 1 (Nrf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208550 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEEHGVTQTEHMATIEAHAVAQQVQVHVATYTEHSMLSADEDSPPSPEDTSYDDSDILNSTAADEVTAH  
LAAAGPVGMAAAAATGKKRKRPHVFESNPSIRKRQQTLLRKLRLATLDEYTRVGGQQAIVLCISPSKP  
NPVFKVFGAAPLENVVRKYKSMILEDLESALAEHAPAPQEVNSELPLTIDGIPVSVDKMTQAQLRAFIP  
EMLKYSTGRGKPGWGKESCKPIWWPEDIPWANVRSVDRTEEQKQRVSWTQALRTIVKNCYKQHGREDLLY  
AFEDQQTQTQATTTSHIAHLVPSQTVVQTFSPDGTVSLIQVGTGATVATLADASELPTTVTAQVNYSA  
VADGEVEQNWATLQGGEMTIQTTQASEATQAVASLAEAAVAASQEMQQGATVTMALNSEAAAHAVATLAE  
ATLQGGGQIVLSGETAAAVGALTGVQDANGPDGVHAWTISKAVTAPQAAGKIHTDFGKGFIMAEMKDED  
LKEESSENAAKAAGKYKQQGRAYVVEDGDIIFKFNPPQLKKK

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-MYC/DDK
Predicted MW:	57.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_001157699</a></u>



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Locus ID: 18181

UniProt ID: [Q99K73](#), [Q8C4C0](#), [Q8CAV3](#)

RefSeq Size: 2259

Cytogenetics: 6 12.47 cM

RefSeq ORF: 1605

Synonyms: C87038; D6Ertd415e

**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]