

## Product datasheet for **TP304140M**

### Nrf2 (NFE2L2) (NM\_006164) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nuclear factor (erythroid-derived 2)-like 2 (NFE2L2), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204140 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MMDLELPPPGPLPSQQDMDLIDILWRQDIDLGVSREVFDFSQRRKEYELEKQKKLEKERQEQLQKEQEKAF  
 FAQLQLDEETGEFLPIQPAQHIQSETSGSANYSQVAHIPKSDALYFDDCMQLLAQTFPFVDDNEVSSATF  
 QSLVPDIPGHIESPVFIATNQAQSPETSVAQVAPVDLDGMQQDIEQVWEELLSIPELQCLNIENDKLVET  
 TMVPSPEAKLTEVDNYHFYSSIPSMEKEVGNCSPHFLNAFEDSFSSILSTEDPNQLTVNSLNSDATVNTD  
 FGDEFYSAFIAEPSISNSMPSPATLSHLSSELLNGPIDVSDLSLCKAFNQNHPESTAEFNDSDSGISLNT  
 SPSVASPEHSVSSSYGDTLLGLSDSEVEELDSAPGSVKQNGPKTPVHSSGDMVQPLSPSQGQSTHVHDA  
 QCENTPEKELPVSPGHRKTPFTKDKHSSRLEAHLTRDELRAKALHIPFVEKIINLPVWDFNEMMSKEQF  
 NEAQLALIRDIRRRGKKNVAAQNCRKRKLENIVELEQDLHLKDEKEKLLKEKGENDKSLHLLKKQLSTL  
 YLEVFMSLRDEDGKPYSPSEYSLQQTRDGNVFLVPSKSKKPDVKKN

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	67.6 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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**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:** [NP\\_006155](#)

**Locus ID:** 4780

**UniProt ID:** [Q16236](#)

**RefSeq Size:** 2859

**Cytogenetics:** 2q31.2

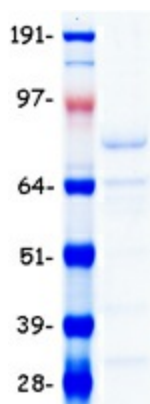
**RefSeq ORF:** 1815

**Synonyms:** HEBP1; IMDDHH; Nrf-2; NRF2

**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]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified NFE2L2 protein (Cat# [TP304140]). The protein was produced from HEK293T cells transfected with NFE2L2 cDNA clone (Cat# [RC204140]) using MegaTran 2.0 (Cat# [TT210002]).