

## Product datasheet for PH304140

### Nrf2 (NFE2L2) (NM\_006164) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NFE2L2 MS Standard C13 and N15-labeled recombinant protein (NP_006155)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204140
Predicted MW:	67.8 kDa
Protein Sequence:	>RC204140 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)

MMDLELPPGLPSQQDMDLIDILWRQDIDLGVSREVFDFSQRRKEYELEKQKKLEKERQEQLQKEQEKAF  
 FAQLQLDEETGEFLPIQPAQHIQSETSGSANYSQVAHIPKSDALYFDDCMQLLAQTFFVDDNEVSSATF  
 QSLVPDIPGHIESPVFIATNQAQSPETSVAQVAPVDLDGMQQDIEQVWEELL SIPELQCLNIENDKL VET  
 TMVPSPEAKL TEVDNYHFYSSIPSMEKEVGNCSPHFLNAFEDSFSSILSTEDPNQLTVNSLNSDATVNTD  
 FGDEFYSAFIAEPSISNSMPSPATLSHLSSELLNGPIDVSDL SLCKAFNQNHPESTAEFNDSDSGISLNT  
 SPSVASPEHSVESSSYGDTLLGLSDSEVEELDSAPGSVKQNGPKTPVHSSGDMVQPLSPSQGQSTHVHDA  
 QCENTPEKELPVSPGHRKTPFTKDKHSSRLEAHLTRDELRAKALHIPFPVEKIINLPVVDNFEMMSKEQF  
 NEAQLALIRDIRRGKKNKVAQNCRRKLENIVELEQDLHLKDEKEKLLKEKGENDKSLHLLKKQLSTL  
 YLEVFSMLRDEDGKPYSPSEYSLQQTRDGNVFLVPKSKKPDVKKN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_006155</a>
RefSeq Size:	2859
RefSeq ORF:	1815


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

**Locus ID:** 4780

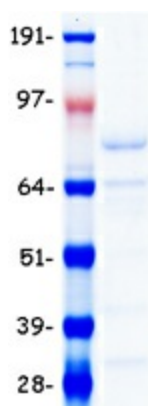
**UniProt ID:** [Q16236](#)

**Cytogenetics:** 2q31.2

**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]).