



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

NRF1 (Human) Recombinant Protein (P01)

Catalog Number: H00004899-P01

Regulation Status: For research use only (RUO)

Product Description: Human NRF1 full-length ORF (AAH16925.1, 1 a.a. - 522 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEEHGVTQTEHMATIEAHAVAQQVQQVHVATYTEHS
MLSADEDSPPSPEDTSYDDSDILNSTAADEVTAHLAAA
GPVGMAAAAAVATGKKRKRPHVFESNPSIRKRQQTRL
LRKLRLATLDEYTTTRVGQQAIVLCISPSKPNPVFKVFGA
APLENVVRKYKSMILEDLESALAEHAPAPQEVNSELPP
LTIDGIPVSVDKMTQAQLRAFIPEMLKYSTGRGKPGW
GKESCKPIWWPEDIPWANVRSDVRTEEKQQRVSWTQ
ALRTIVKNCYKQHGRELLYAFEDQQTQTQATATHSIA
HLVPSQTVVQTFNSPDGTVSLIQVGTGATVATLADASE
LPTTVTVAQVNYSAVADGEVEQNWATLQGGEMTIQTT
QASEATQAVASLAEAAVAASQEMQQGATVTMALNSE
AAAHAVATLAEATLQGGGQIVLSGETAAAVGALTGVQ
DANGLFMADRAGRKWILTDKATGLVQIPVSMYQTVVT
SLAQGNPQVQVAMAPVTTTRISDSAVTMDGQAVEVVTL
EQ

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 82.1

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

Entrez GeneID: 4899

Gene Symbol: NRF1

Gene Alias: ALPHA-PAL

Gene Summary: 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]