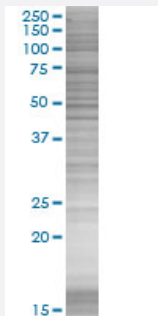


NRF1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004899-T01

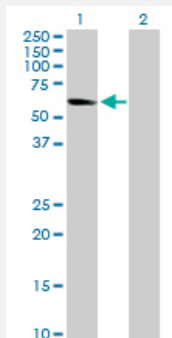
Size 100 uL

Applications



SDS-PAGE Gel

NRF1 transfected lysate.



Western Blot

Lane 1: NRF1 transfected lysate (55.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-NRF1 full-length

Host Human

Theoretical MW (kDa) 55.7

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-NRF1 antibody ([H00004899-D01P](#)) by Western Blots.

SDS-PAGE Gel

NRF1 transfected lysate.

Western Blot

Lane 1: NRF1 transfected lysate (55.70 KDa)

Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — NRF1

Entrez GeneID[4899](#)**GeneBank Accession#**[BC016925.1](#)**Protein Accession#**[AAH16925.1](#)**Gene Name**

NRF1

Gene Alias

ALPHA-PAL

Gene Description

nuclear respiratory factor 1

Omim ID[600879](#)**Gene Ontology**[Hyperlink](#)**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]

Other Designations

OTTHUMP00000184912|alpha palindromic-binding protein

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
- [Osteoporosis](#)