

Recombinant Human NFE2L2, His-tagged

Cat. No. NFE2L2-8469H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human NFE2L2, fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
Description	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 found for this gene.
Form	20 mM Tris-Cl, pH 7.9, 20% Glycerol. 100 mM KCl. 1 mM DTT and 0.2 mM EDTA
Molecular Mass	69.9 kDa
Endotoxin	Less than 1.0 EU/μg by LAL method
Purity	>95% as determined by SDS-PAGE
Storage	-80 °C
Shipping	Dry Ice

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GENE INFORMATION

Gene Name	NFE2L2 nuclear factor (erythroid-derived 2)-like 2 [Homo sapiens]
Official Symbol	NFE2L2
Synonyms	NFE2L2; nuclear factor (erythroid-derived 2)-like 2; nuclear factor erythroid 2-related factor 2; NF E2 related factor 2; NRF2; HEBP1; NFE2-related factor 2; NF-E2-related factor 2; nuclear factor erythroid-derived 2-like 2; nuclear factor, erythroid derived 2, like 2;
Gene ID	4780
mRNA Refseq	NM_001145412
Protein Refseq	NP_001138884
MIM	600492
UniProt ID	Q16236
Chromosome Location	2q31
Pathway	Keap1-Nrf2 Pathway, organism-specific biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	DNA binding; protein dimerization activity; protein domain specific binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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