

## Recombinant Human NFE2

**Cat. No.** NFE2-28428TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Nuclear Factor Erythroid Derived 2 with N terminal proprietary tag. Predicted MW 66.77 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	373 amino acids
<b>Description</b>	Transcription factor NF-E2 45 kDa subunit is a protein that in humans is encoded by the NFE2 gene.
<b>Molecular Weight</b>	66.770kDa inclusive of tags
<b>Tissue specificity</b>	Expressed in hematopoietic cells and also in colon and testis.
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Sequences of amino acids**

MSPCPPQQSRNRVIQLSTSELGEMELTWQEIMSITEQGL NAPSEPSFEPQAPAPY  
 LGPPPPTYCPCSIHPDSGFPLPP PPYELPASTSHVDPYPYSYGNMAIPVSKPLSLS  
 GLLSEPL QDPLALLDIGLPAGPPKPQEDPESDGLSLNYSDAESLEL EGTEAGR  
 RRR SEYVEMYVPEYPYSLMPNSLAHSNYTLPAAE TPLALEPSSGPVRAKPTARGEAGSR  
 DERRALAMKIPFPTD KIVNLPVDDFNELLARYPLTESQLALVRDIRRRGKNKVA  
 A QN CRKRKLETIVQLERELERLTNERERLLRARGEADRTLE VMRQQLTELYR  
 DIFQHLLRD ESGNSYSPEEYALQQAADGTI FLVPRGTKMEATD

**Sequence Similarities**

Belongs to the bZIP family. CNC subfamily. Contains 1 bZIP domain.

## GENE INFORMATION

**Gene Name**

NFE2 nuclear factor (erythroid-derived 2), 45kDa [ Homo sapiens ]

**Official Symbol**

NFE2

**Synonyms**

NFE2; nuclear factor (erythroid-derived 2), 45kDa; nuclear factor (erythroid derived 2), 45kD; transcription factor NF-E2 45 kDa subunit; NF E2;

**Gene ID**

4778

**mRNA Refseq**

NM\_001136023

**Protein Refseq**

NP\_001129495

**MIM**

601490

**Uniprot ID**

Q16621

**Chromosome Location**

12q13

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<b>Pathway</b>	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
<b>Function</b>	WW domain binding; WW domain binding; protein N-terminus binding; protein dimerization activity; sequence-specific DNA binding;

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