

Recombinant Human NFE2

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

SPECIFICATION

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

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Sequences of amino acids

MSPCPPQQSRNRVIQLSTSELGEMELTWQEIMSITEQGL NAPSEPSFEPQAPAPY
 LGPPPPTTYCPCSIHPDSGFPLPP PPYELPASTSHVDPDPYSYGNMAIPVSKPLSLS
 GLLSEPL QDPLALLDIGLPAGPPKPQEDPESDGLSLNYSDAESLEL EGTEAGR
 RRR SEYVEMY PVEYPYSLMPNSLAHSNYTLPAAE TPLALEPSSGPVRAKPTARGEAGSR
 DERRALAMKIPFPTD KIVNLPVDDFNELLARYPLTESQLALVRDIRRRGKNKVAA QN
 CRKRKLETIVQLERELERLTNERERLLRARGEADRTLE VMRQQLTELYRDIFQHRLD
 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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Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	WW domain binding; WW domain binding; protein N-terminus binding; protein dimerization activity; sequence-specific DNA binding;

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