

Recombinant Human NFE2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NFE2-4561H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NFE2 MS Standard C13 and N15-labeled recombinant protein (NP_006154) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	NFE2 (Nuclear Factor, Erythroid 2) is a Protein Coding gene. Diseases associated with NFE2 include Polycythemia and Erythroleukemia, Familial. Among its related pathways are Response to elevated platelet cytosolic Ca ²⁺ and Hematopoietic Stem Cell Differentiation. Gene Ontology (GO) annotations related to this gene include DNA-binding transcription factor activity and transcription coactivator activity. An important paralog of this gene is NFE2L2.
Molecular Mass	41.5 kDa
AA Sequence	MSPCPPQQSRNRVIQLSTSELGEMELTWQEIMSITELQGLNAPSEPSFEPQAPAPYL GPPPPTTYCPCSIHPDSGFPLPPPPYELPASTSHVPDPYPYSYGNMAIPVSKPLSLSG LLSEPLQDPLALLDIGLPAGPPKPQEDPESDGLSLNYSDAESLELEGTEAGRRESE YVEMYVVEYPYSLMPNSLAHSNYTLPAEETPLALEPSSGPVRAKPTARGEAGSRDE RRALAMKIPFPTDKIVNLPVDDFNELLARYPLTESQLALVRDIRRRGKNKVAAQNCRK RKLETIVQLERELERLTNERERLLRARGEADRTLEVMRQQLTELYRDIFQHRLRDESG NSYSPEEYALQQAADGTIFLVPRGTKMEATDTRTRPLEQKLISEEDLAANDILDYKDD

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	DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	NFE2 nuclear factor, erythroid 2 [Homo sapiens (human)]
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; p45 NF-E2; leucine zipper protein NF-E2; nuclear factor, erythroid-derived 2 45 kDa subunit; p45; NF-E2;
Gene ID	4778
mRNA Refseq	NM_006163
Protein Refseq	NP_006154
MIM	601490

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UniProt ID

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