Recombinant Human NFE2 protein, Arginine-tagged

Cat. No. NFE2-171H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NFE2 cDNA (373aa, derived from BC005044) protein fused with T7-His-TEV cleavage site Tag at N-terminal and 11 arginine domain (11R) at C-terminal, was expressed in E. coli.
Species	Human
Source	E.coli
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFSPCPPQQSRNRVIQLSTSELGEMEL TWQEIMSITELQGLNAPSEPS FEPQAPAPYLGPPPPTTYCPCSIHPDSGFPLPPPPY ELPASTSHVPDPPYSYGNMAIPVSKPLSLSGLLSEPLQD PLALLDIGLPAGPPKPQE DPESDSGLSLNYSDAESLELEGTEAGRRRSEYVEMYPVEYPYSLMPNSLAHSNYTL P AAETPLALEPSSGPVRAKPTARGEAGSRDERRALAMKIPFPTDKIVNLPVDDFNEL LARYPLTESQLALVRDIRR RGKNKVAAQNCRKRKLETIVQLERELERLTNERERLLR ARGEADRTLEVMRQQLTELYRDIFQHLRDESGNSYSP EEYALQQAADGTIFLVPRG TKMEATDLEESGGGGSPGRRRRRRRRRRR
Purity	>90% by SDS-PAGE.
Storage	Keep at -20°C for long term storage. Product is stable at 4 °C for at least 7 days

GENE INFORMATION

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Gene Name	NFE2 nuclear factor (erythroid-derived 2), 45kDa [Homo sapiens]
Official Symbol	NFE2
Synonyms	NFE2; 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_001136023
Protein Refseq	NP_001129495
MIM	601490
UniProt ID	Q16621
Chromosome Location	12q13
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; sequence-specific DNA binding transcription factor activity; transcription coactivator activity;

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