

## Product datasheet for **TP320641M**

### NFE4 (NM\_001085386) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transcription factor NF-E4 (NF-E4), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220641 representing NM_001085386 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	LDPVPRRSAAAIALPRVVCWHTLKSLNGYKNLSSGAETREGLRSSPVDLPLRPRKQATAAGQRKLLSLQ LLLCACTSVTDLTYWGPAGHGATAPHRSLLAIHHLVLPASSAAMKATGPHNAQTQVNPGRGHAPSAEDPTG SWTVSGPCKDHPHPFLSQSNPPTRISSALPLKTDSALEQTPQQLPSLHLSQG
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	18.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001078855</a>
Locus ID:	58160
RefSeq Size:	967
Cytogenetics:	7q22.1



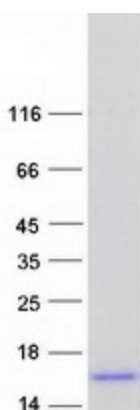
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RefSeq ORF: 576

Synonyms: NF-E4

**Summary:** The erythroid-specific protein encoded by this gene, and the ubiquitous transcription factor CP2, form the stage selector protein (SSP) complex, which is involved in preferential expression of the gamma-globin genes in fetal erythroid cells. Alternate use of an in-frame upstream non-AUG (CUG) translation initiation codon, and a downstream AUG codon, results in two isoforms. While the long isoform (22 kDa) acts as an activator, the short isoform (14 kDa) has been shown to repress gamma-globin gene expression. This gene is located in an intron of the FBXL13 gene on the opposite strand. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified NFE4 protein (Cat# [TP320641]). The protein was produced from HEK293T cells transfected with NFE4 cDNA clone (Cat# [RC220641]) using MegaTran 2.0 (Cat# [TT210002]).