

Product datasheet for TP505777

Nfe2 (NM_008685) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse nuclear factor, erythroid derived 2 (Nfe2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205777 representing NM_008685 Red =Cloning site Green =Tags(s) MPPCPPQQRNRLSQLPVGELGEMELTWQEIMSITELQGLNVPSETSFEPQAPTPYPGGLPPTTYCPCSI HPDAGFSLPPSYELPASTPHVPELPYSYGNVAIPVSKPLTSLGLLNEPLPDHLALLDIGLPVGPQPKPQE DPESDSGLSLNYSDAESLELEGMEAGRRESEYADMYPVEYPYSLMPNSLAHPNYTLPTETPLAESSSG PVRAKPAVRGEAGSRDERRALAMKIPFPTDKIVNLPVDDFNELLAQYPLTESQLALVRDIRRRGKNKVA QNCRKRKLETIVQLERELRLSSERERLLRARGEADRTLEVMRQQLAELYHDIFQHLRDESGNSYSPEEY VLQQAADGAIFLVRGKMEATD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	42 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
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 after receiving vials.
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:	NP_032711
Locus ID:	18022
UniProt ID:	Q07279 , A0A0R4I0Y5



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RefSeq Size:	1793
Cytogenetics:	15 58.62 cM
RefSeq ORF:	1119
Synonyms:	NF-E2; NF-E2/P45; p45; p45nf-e2; p45NFE2
Summary:	<p>Component of the NF-E2 complex essential for regulating erythroid and megakaryocytic maturation and differentiation. Binds to the hypersensitive site 2 (HS2) of the beta-globin control region (LCR). This subunit (NFE2) recognizes the TCAT/C sequence of the AP-1-like core palindrome present in a number of erythroid and megakaryocytic gene promoters. Requires MAFK or other small MAF proteins for binding to the NF-E2 motif. May play a role in all aspects of hemoglobin production from globin and heme synthesis to procurement of iron.</p> <p>[UniProtKB/Swiss-Prot Function]</p>