

Product datasheet for **TP505075**

Ncf4 (NM_008677) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse neutrophil cytosolic factor 4 (Ncf4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205075 protein sequence Red =Cloning site Green =Tags(s)
	 MALAQQLRSESDFEQLPDDVAVSANIADIEEKRGFTSHFVVFVIEVKTKGGSKYLIYRRYRQFYALQSKLE ERFGPESKNSPFTCNLPTLPKAVYMGAKQEIAETRIPALNAYMKNLLSLPVCVLMDDPDRIFFYQSAYDA EQVPQALRRLRPTRTRKIKGVSPQGAIMDRMEAPRAEALFDFGTGNSKLELSFKAGDVIFLLSKINKDWLEG TSQGATGIFPGSFVKILKDFPEDEDTTNWLRCYFYEDTGKTIKDIAVEEDLSSTPLFKDLLALMRREFQR EDIALSYQDAEGDLVRLLSDEDVGLMVKQARGLPSQKRLFPWKLHVTQKDNYSVYNTVP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	38.7 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_032703
Locus ID:	17972
UniProt ID:	P97369



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RefSeq Size: 1463

Cytogenetics: 15 37.1 cM

RefSeq ORF: 1020

Synonyms: AI451400; p40phox

Summary: Component of the NADPH-oxidase, a multicomponent enzyme system responsible for the oxidative burst in which electrons are transported from NADPH to molecular oxygen, generating reactive oxidant intermediates. It may be important for the assembly and/or activation of the NADPH-oxidase complex.[UniProtKB/Swiss-Prot Function]