

Product datasheet for TP325899

NCF2 (NM_001127651) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neutrophil cytosolic factor 2 (NCF2), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225899 representing NM_001127651 Red =Cloning site Green =Tags(s)

MSLVEAISLWNEGVLAADKKDWKALDAFSAVQDPHSRICFNIGCMYILKNMTEAEKAFTRSINRDKHL
AVAYFQRGMLYYQTEKYDLAIKDLKEALIQLRGNQLIDYKILGLQFKLFACEVLYNIAFMYAKKEEWKKA
EEQLALATSMKSEPRHSKIDKAMECVWKQKLYEPVWIPVGRFRPNERQVAQLAKKDYLGKATVVASVVD
QDSFSGFAPLQPQAAEPPRPKTPEIFRALEGEAHRVLFVGFVPETKEELQVMPGNIVFVLKKGNDNWATV
MFNGQKGLVPCNYLEPVELRIHPQQPQEESPQSDIPAPPSSKAPGRPQLSPGQKQKEEPKEVKLSVP
M
PYTLKVHYKYTVVMKTQPLPYSQVRDMVSKKLELRLEQTKLSYRPRDSNELVPLSEDSMKDAWGQVK
N
CLTLWCENTVGDQGFDPKESEKADANNQTTEPQLKKGVSQVEALFSYEATQPEDLEFQEGDIILVLSKV
NEEWLEGECKGKVGIFPKVFVEDCATTDLSTRREV

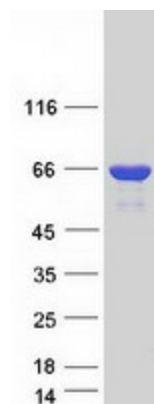
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	59.6 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.



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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_001121123
Locus ID:	4688
UniProt ID:	P19878
Cytogenetics:	1q25.3
RefSeq ORF:	1578
Synonyms:	NCF-2; NOXA2; P67-PHOX; P67PHOX
Summary:	This gene encodes neutrophil cytosolic factor 2, the 67-kilodalton cytosolic subunit of the multi-protein NADPH oxidase complex found in neutrophils. This oxidase produces a burst of superoxide which is delivered to the lumen of the neutrophil phagosome. Mutations in this gene, as well as in other NADPH oxidase subunits, can result in chronic granulomatous disease, a disease that causes recurrent infections by catalase-positive organisms. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2010]
Protein Families:	Druggable Genome
Protein Pathways:	Leukocyte transendothelial migration

Product images:

Coomassie blue staining of purified NCF2 protein (Cat# TP325899). The protein was produced from HEK293T cells transfected with NCF2 cDNA clone (Cat# [RC225899]) using MegaTran 2.0 (Cat# [TT210002]).