

## Product datasheet for TP507092

### Noxa1 (NM\_172204) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NADPH oxidase activator 1 (Noxa1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207092 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSSSLGDQIRDWHRGVLA VAREDWDSALCFSDVREPLARMYFNRCVHLMAGDPEAALRAFDQAVTKDTC MAVGFLQRGVANFQLQRFQEAVSDFQLALAQLRDNAVIDYTQLGLNFKLQAWEVLYNMASAQCQAGLWTK AANTLVEAISKWPEGAQDILDIAMDKVQKQVPLQLQVQPKGEVFQPPRRYLKHLEPMDFLGKAKVVASVI PDDHNAQPQQRSAEHAGHQSSSTCKRVLSTTGGHTSPGLYDSSLASGRPGPGPSEVSSGSEGAATKDP ESLVTVTVQCHFTVPLKVPRGTGLSSFQTLAQAALLHQTQTGQLSYKAPGEERSWIPISTEESLQSIWRN VPVGGGLQLQCQGVWGRPVLYQVVAQYNYRAQRPEDLDFHQGDTV DVLCEVDEAWLEGHRDGCVGIFPK CFVWPAGAYVEAMLVLGPQPGDQN
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	48.8 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:	<a href="#">NP_757341</a>
Locus ID:	241275



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UniProt ID: [Q8CJ00](#)

RefSeq Size: 1673

Cytogenetics: 2 A3

RefSeq ORF: 1335

Synonyms: NY-CO-31; SDCCAG31

**Summary:** Functions as an activator of NOX1, a superoxide-producing NADPH oxidase. Functions in the production of reactive oxygen species (ROS) which participate in a variety of biological processes including host defense, hormone biosynthesis, oxygen sensing and signal transduction. May also activate CYBB/gp91phox and NOX3.[UniProtKB/Swiss-Prot Function]