

Product datasheet for TP505276

Noxo1 (NM_027988) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NADPH oxidase organizer 1 (Noxo1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205276 protein sequence Red =Cloning site Green =Tags(s)

MASPRHPVSAHAVALVQMDRLQTFAFSVCWSDNSDTFVRRSWDEFRLQKTLKKTFFVEAGLLRRSEQVL
PKLPDAPLLTRRGHTGRGLVRLRLLDITYVQALLATSEHILRSSALHGFFVPKPLDLEPMLPPGSLVILPT
PEEPLSQPRGSLDIHSLEAQSIPCVQPFHTLDIRDRPFHTKAQEILDILLRHPSGWWLVENKDQQVAVFP
APYLEEVATCQGQESGLALQSGRQFCTTQAYEGSRSELSVPSGARVHVLETSDRGWLWCYNGRTGLL
PAMSLQPEGLGSLGRPGFPDSAGADKVAEDRTIPPVVPTRPCMSAIQSRCCSITRRALAEQGTTRVPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	38.8 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:	NP_082264
Locus ID:	71893
UniProt ID:	Q8VCM2



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RefSeq Size: 2239

Cytogenetics: 17 12.49 cM

RefSeq ORF: 1050

Synonyms: 2310034C04Rik; hslt; P41NOX; P41NOXA; P41NOXB; P41NOXC; Snx28

Summary: Constitutively potentiates the superoxide-generating activity of NOX1 and NOX3 and is required for the biogenesis of otoconia/otolith, which are crystalline structures of the inner ear involved in the perception of gravity. Isoform 3 is more potent than isoform 1 in activating NOX3. Together with NOXA1, may also substitute to NCF1/p47phox and NCF2/p67phox in supporting the phagocyte NOX2/gp91phox superoxide-generating activity.[UniProtKB/Swiss-Prot Function]