

Product datasheet for **TP314973M**

NOXO1 (NM_172167) Human Recombinant Protein

Product data:

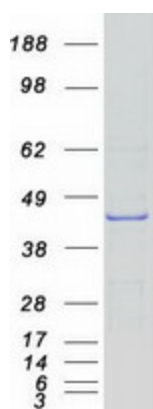
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human NADPH oxidase organizer 1 (NOXO1), transcript variant b, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214973 representing NM_172167 Red =Cloning site Green =Tags(s)
	<p>MAGPRYPVSVQGAALVQIKRLQTFAFSVRWSGDSTFVRRSWDEFRQLKKTLPVEAGLLRRSDRVL PKLLDAPLLGRVGRSRLARLQLLETYSRLLATAERVARSPITGFFAPQLDLEPALPPGSRVILPT PEEQPLSRAAGRLSIHSLEAQLRCLQPFCTQDTRDRPFQAQAQESLDVLLRHPSGWLVENEDRQTAWF PAPYLEEAAPGQGREGGSLGSSGPQFCASRAYESSRADELSVPAGARVRVLETSDRGWWLCRYGDRAGL LPAVLLRPEGLGALLSGTGFRGGDDPAGEARGFPEPSQATAPPPTVPTRPSPGAIQSRCCTVTRRALERR PRRQGRPRGCVDSVPHPTTEQ</p> <p>SGPTRRRLREQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	40.6 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.
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:	<u>NP_751907</u>



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Locus ID:	124056
UniProt ID:	Q8NFA2 , A8K832
RefSeq Size:	1132
Cytogenetics:	16p13.3
RefSeq ORF:	1113
Synonyms:	P41NOX; P41NOXA; P41NOXB; P41NOXC; SH3PXD5; SNX28
Summary:	This gene encodes an NADPH oxidase (NOX) organizer, which positively regulates NOX1 and NOX3. The protein contains a PX domain and two SH3 domains. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2012]

Product images:



Coomassie blue staining of purified NOXO1 protein (Cat# [TP314973]). The protein was produced from HEK293T cells transfected with NOXO1 cDNA clone (Cat# [RC214973]) using MegaTran 2.0 (Cat# [TT210002]).