

# Recombinant Human NOXO1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** NOXO1-681H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

NOXO1 MS Standard C13 and N15-labeled recombinant protein (NP\_751908) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

41.1 kDa

### AA Sequence

MAGPRYPVSVQGAALVQIKRLQTFAFSVRWSDGSDTFVRRSWDEFRQLKKTLETF  
 PVEAGLLRRSDRVLPKLLGQASLDAPLLGRVGRTSRGLARLQLETTYSRLLATAER  
 VARSPTITGFFAPQPLDLEPALPPGSRVILPTPEEQPLSRAAGRLSIHSLEAQLRCL  
 QPFCTQDTRDRPFQAQAQESLDVLLRHPSGWVWLVENEDRQTAWFPAPYLEEAAP  
 GQGREGGPSLGSSGPQFCASRAYESSRADELSVPAGARVRVLETSDRGWWLCRY  
 GDRAGLLPAVLLRPEGLGALLSGTGFRGGDDPAGEARGFPEPSQATAPPPTVPTRP  
 SPGAIQSRCCTVTRRALERRRRRQGRPRGCVDSVPHPTTEQSGPTRTRRLEQKLIS  
 EEDLAANDILDYKDDDDKV

### Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

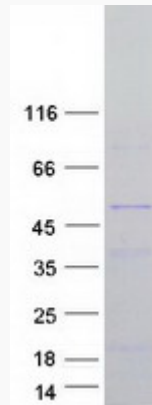
<b>Gene Name</b>	<a href="#">NOXO1 NADPH oxidase organizer 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">NOXO1</a>
<b>Synonyms</b>	NOXO1; NADPH oxidase organizer 1; P41NOXA; P41NOXB; P41NOXC; SH3PXD5; SNX28; Nox organizer 1; nox-organizing protein 1; regulatory protein P41NOX; NADPH oxidase regulatory protein; SH3 and PX domain-containing protein 5; P41NOX; MGC20258;
<b>Gene ID</b>	<a href="#">124056</a>
<b>mRNA Refseq</b>	<a href="#">NM_172168</a>
<b>Protein Refseq</b>	<a href="#">NP_751908</a>
<b>MIM</b>	<a href="#">611256</a>
<b>UniProt ID</b>	<a href="#">Q8NFA2</a>

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**SDS-PAGE**



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