

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

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

SPECIFICATION

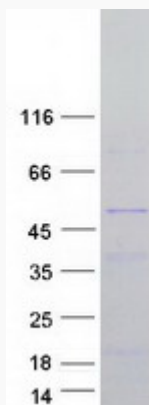
Product Overview	NOXO1 MS Standard C13 and N15-labeled recombinant protein (NP_751908) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an NADPH oxidase (NOX) organizer, which positively regulates NOX1 and NOX3. The protein contains 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	MAGPRYPVSVQGAALVQIKRLQTFAFSVRWSDGSDFVRRSWDEFRLKKTLETF PVEAGLLRRSDRVLPKLLGQASLDAPLLGRVGRTSRGLARLQLLETYSRRLATAER VARSPITITGFFAPQPLDLEPALPPGSRVILPTPEEQPLSRAAGRLSIHSLEAQLRCL QPFCTQDTRDRPFQAQAQESLDVLLRHPSGWVLVENEDRQTAWFPAPYLEEAAP GQGREGGPSLGSSGPQFCASRAYESSRADELSVPAGARVRVLETSDRGWWLCRY GDRAGLLPAVLLRPEGLGALLSGTGFRGGDDPAGEARGFPEPSQATAPPPTVPTRP SPGAIQSRCCTVTRRALERRPRRQGRPRGCVDSVPHPTTEQSGPTRTRRLEQKLIS EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	NOXO1 NADPH oxidase organizer 1 [Homo sapiens (human)]
Official Symbol	NOXO1
Synonyms	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;
Gene ID	124056
mRNA Refseq	NM_172168
Protein Refseq	NP_751908
MIM	611256
UniProt ID	Q8NFA2

SDS-PAGE

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