

Product datasheet for PH314973

NOXO1 (NM_172167) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NOXO1 MS Standard C13 and N15-labeled recombinant protein (NP_751907)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC214973
Predicted MW:	40.6 kDa
Protein Sequence:	>RC214973 representing NM_172167 Red=Cloning site Green=Tags(s) MAGPRYPVSVQGAALVQIKRLQTFAFSVRWSGSDTFVRRSWDEFRQLKKTLLKETFPVEAGLLRRSDRVL PKLLDAPLLGRVGRSRGLARLQLETSRRLATAERVARSPITITGFFAPQPLDLEPALPPGSRVILPT PEEQPLSRAAGRLSIHSLEAQLRCLQPFCTQDTRDRPFQAQAEQLDVLLRHPSGWLWVENEDRQTAWF PAPYLEEAAPGQGREGGPSLGSSGPQFCASRAYESSRADEL SVPAGARVRVLETSDRGWLLCRYGDRAGL LPVLLRPEGLGALLSGTGFRGGDDPAGEARGFPEPSQATAPPPTVPTRPSGAIQSRCCVTTRALERR PRRQGRPRGCVDSVPHPTTEQ SGPTRRRLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_751907</u>
RefSeq Size:	1132
RefSeq ORF:	1113
Synonyms:	P41NOX; P41NOXA; P41NOXB; P41NOXC; SH3PXD5; SNX28
Locus ID:	124056



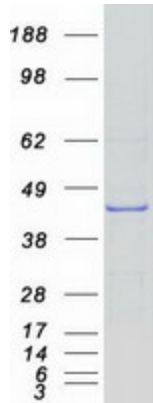
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UniProt ID: [Q8NFA2](#), [A8K832](#)

Cytogenetics: 16p13.3

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]).