

Product datasheet for **TP314973**

NOXO1 (NM_172167) Human Recombinant Protein

Product data:

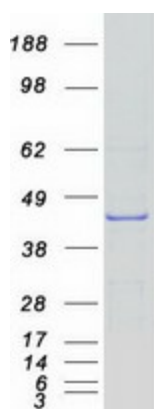
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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human NADPH oxidase organizer 1 (NOXO1), transcript variant b, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC214973 representing NM_172167 Red =Cloning site Green =Tags(s) |
| | MAGPRYPVSVQGAALVQIKRLQTFAFSVRWSGDSTFVRRSWDEFRQLKKTLLKETFVPEAGLLRRSDRVL PKLLDAPLLGRVGRTSRGLARLQLLETYSRRLATAERVARSPITITGFFAPQPLDLEPALPPGSRVILPT PEEQPLSRAAGRLSIHSLEAQLRCLQPFCTQDTRDRPFQAQAQESLDVLLRHPSGWLWLVENEDRQTAWF PAPYLEEAAPGQGREGGPSLGSSGPQFCASRAYESSRADELSVPAGARVRVLETSDRGWWLCRYGDRAGL LPAVLLRPEGLGALLSGTGFRGGDDPAGEARGFPEPSQATAPPPTVPTRPSPGAIQSRCCTVTRRALERR PRRQGRPRGCVDSVPHPTTEQ SGPTRRRLREQKLISEEDLAANDILDYKDDDDKV |
| 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]).