

Product datasheet for **SC332874**

NOXO1 (NM_001267721) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NOXO1 (NM_001267721) Human Untagged Clone
Tag: Tag Free
Symbol: NOXO1
Synonyms: P41NOX; P41NOXA; P41NOXB; P41NOXC; SH3PXD5; SNX28
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332874 representing NM_001267721.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGCAGGCCCGATACCCAGTTTCAGTGCAAGGGGCAGCCCTGGTGCAGATCAAGAGGCTCCAAACG
TTTGCCTTCTGTGCGCTGGTCAGACGGCAGCGACACCTTCGTGCGCAGGAGTTGGGACGAATTCAGG
CAGCTCAAGACCCTCAAGGAGACCTTCCCGGTGGAGGCGGGCCTGCTGCGGAGATCTGACCGGTTCTC
CCAAAGCTTCTCGGTCAAGCCAGCCTGGATGCACCACTGTTGGGACGCGTGGGGCGCACGAGCCGGC
CTGGCGCGCTGCAGCTGTTGAAACCTATTCTCGGAGGCTGCTGGCGACTGCAGAGCGCTGGCACGG
AGCCCCAGCATCACTGGCTTCTTCGCACCGCAACCCCTGGACCTGGAGCCCGCGTCCACCCGGCAGC
CGGGTGATCCTGCCACCCAGAGGAGCAGCCTTTCTCGCGCTGCGGGCCGCCTCTCCATCCACAGT
CTGGAGGCTCAGAGCCTGCGCTGCCTGCAGCCCTTCTGTACCCAGGACACGCGGGATAGGCCTTTTAG
GCGCAGGCCAGGAGAGCCTGGACGTGCTGCTGCGGCACCCCTCAGGCTGGTGGCTGGTGGAGAACGAA
GACCGGCAGACCGCTGGTTTCCAGCGCCCTACCTGGAGGAGCGGCCCGGGCCAAAGGCCGGGAGGGA
GGCCCGTCCCTAGGGAGCAGCGGTCCCCAGTTCTGTGCTTCCCGCGCCTACGAGAGCAGCCCGCAGAT
GAGCTGTCGTGCCCCGCGGGGCGCGGTGCGCGTGTGGAAACGTCAGACCGCGGCTGGTGGCTATGC
AGGTACGGCAGCGGGGTTCCGTGGAGGAGACGACCCGCGGGTGAGCCCGGGGCTTCCCTGAACCTCCCAG
AGCCCGCCCTCCCCACCGTCCCACCCGACCTTCGCCGGGCGCCATCCAGAGCCGCTGCTGCACC
GTCACACGCAGGGCCCTGGAGCGCGCCACGGCGCCAGGGCCCGCCCTCGAGGGTGCCTGGACTCTGTG
CCGACCCACGACGGAGCAGTGA
  
```

Restriction Sites: SgfI-RsrII
ACCN: NM_001267721
Insert Size: 1128 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



[View online »](#)

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001267721.1</u>
RefSeq Size:	1651 bp
RefSeq ORF:	1128 bp
Locus ID:	124056
UniProt ID:	<u>Q8NFA2</u>
Cytogenetics:	16p13.3
MW:	41.1 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (d) uses an alternate splice site compared to variant a, but maintains the same reading frame. The encoded isoform (d) is longer than isoform a.</p>