

## Product datasheet for **TP308357**

### **NOXA1 (NM\_006647) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human NADPH oxidase activator 1 (NOXA1), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA** >RC208357 protein sequence

**Clone or AA** **Red**=Cloning site **Green**=Tags(s)

**Sequence:**

MASLGDLVRAWHLGAQAVDRGDWARALHLFSGVPAPPARLCFNAGCVHLLAGDPEAALRAFDQAVTKDTC  
MAVGFFQRGVANFQLARFQEALSDFWLALEQLRGHAAIDYTQLGLRFKLQAWEVLHNVASAQCQLGLWTE  
AASSLREAMSKWPEGSLNGLDSALDQVQRRGSLPPRQVPRGEVFRPHRWHLKHLEPVDFLGKAKVASAI  
PDDQGWGVRPQQPGPGANHDARSLIMDSPRAGTHQGPLDAETEVGADRCTSTAYQEQRQVEQVQKQAP  
LSPGLPAMGGPGPCEDPAGAGGAGAGGSEPLVTVTVQCAFTVALRARRGADLSSLRALLGQALPHQAAQ  
LGQLSYLAPGEDGHWVPIPEEESLQRAWQDAAACPRGLQLQCRGAGGRPVLYQVVAQHSYSAQGPEDLGF  
RQGD TVDVLCEEPDVPLAVDQAWLEGHCDGRIGIFPKCFVVPAGPRMSGAPGRLPRSQQGDQP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 51.5 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:** [NP\\_006638](#)



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Locus ID: 10811

UniProt ID: [Q86UR1](#), [Q86UR1-2](#)

RefSeq Size: 1650

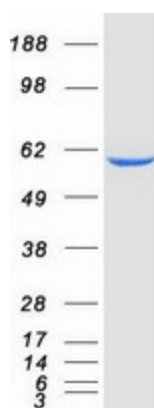
Cytogenetics: 9q34.3

RefSeq ORF: 1449

Synonyms: NY-CO-31; p51NOX; SDCCAG31

**Summary:** This gene encodes a protein which activates NADPH oxidases, enzymes which catalyze a reaction generating reactive oxygen species. The encoded protein contains four N-terminal tetratricopeptide domains and a C-terminal Src homology 3 domain. Interaction between the encoded protein and proteins in the oxidase regulatory complex occur via the tetratricopeptide domains. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]

### Product images:



Coomassie blue staining of purified NOXA1 protein (Cat# TP308357). The protein was produced from HEK293T cells transfected with NOXA1 cDNA clone (Cat# [RC208357]) using MegaTran 2.0 (Cat# [TT210002]).