

Product datasheet for **TP308357L**

NOXA1 (NM_006647) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human NADPH oxidase activator 1 (NOXA1), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC208357 protein sequence

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

Sequence:

MASLGDLVRAWHLGAQAVDRGDWARALHLFSGVPAPPARLCFNAGCVHLLAGDPEAALRAFDQAVTKDTC
MAVGFFQRGVANFQLARFQEALSDFWLALEQLRGHAAIDYTLGLRFKLQAWEVLHNVASAQCQLGLWTE
AASSLREAMSKWPEGSLNGLDSALDQVQRRGSLPPRQVPRGEVFRPHRWHLKHLEPVDFLGKAKVASAI
PDDQGWGVRPQQPQPGGANHDARSLIMDSPRAGTHQGPLDAETEVGADRCTSTAYQEQRPVQVEQVGKQAP
LSPGLPAMGGPGPGPCEDPAGAGGAGAGGSEPLVTVTVQCAFTVALRARRGADLSSLRALLGQALPHQAAQ
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](#)



[View online »](#)

Locus ID: 10811

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

RefSeq Size: 1650

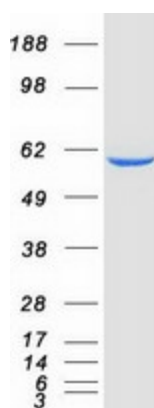
Cytogenetics: 9q34.3

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]).