

Recombinant Full Length Human NOXA1 Protein, C-Flag-tagged

Cat. No. NOXA1-1771HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human NOXA1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51.5 kDa
AA Sequence	MASLGDLVRAWHLGAQAVDRGDWARALHLFSGVPAPPARLCFNAGCVHLLAGDPE AALRAFDQAVTKDTC MAVGFFQRGVANFQLARFQEALSDFWLALAEQLRGHAAIDYT QLGLRFLKQAWEVLHNVASAQCQLGLWTE AASSLREAMSKWPEGSLNGLDSALD QVQRRGSLPPRQVPRGEVFRPHRWHLKHLEPVDFLGKAKVVASAI PDDQGWGVR PQQPQGPGANHDARSLIMDSPRAGTHQGPLDAETEVGADRCTSTAYQEQRPVQE QVGKQAP LSPGLPAMGGPGPGPCEDPAGAGGAGAGGSEPLVTVTVQCFTVALR

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ARRGADLSSLRALLGQALPHQAQ LGQLSYLAPGEDGHWVPIPEEESLQRAWQDAA
 ACPRGLQLQCRGAGGRPVLVYQVVAQHSYSAQGPEDLGF RQGDTVVDLCEEEDVP
 LAVDQAWLEGHCDGRIGIFPKCFVVPAGPRMSGAPGRLPRSQQGDQP TRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	NOXA1 NADPH oxidase activator 1 [Homo sapiens (human)]
Official Symbol	NOXA1
Synonyms	p51NOX; NY-CO-31; SDCCAG31
Gene ID	10811
mRNA Refseq	NM_006647.2

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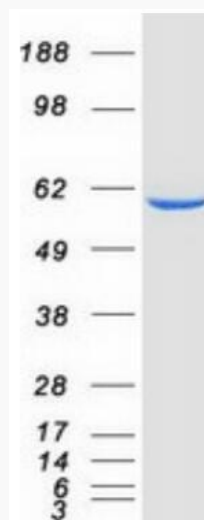
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Protein Refseq NP_006638.1

MIM 611255

UniProt ID Q86UR1



Coomassie blue staining of purified NOXA1 protein.

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