

Product datasheet for PH308357

NOXA1 (NM_006647) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NOXA1 MS Standard C13 and N15-labeled recombinant protein (NP_006638)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208357
Predicted MW:	51.7 kDa
Protein Sequence:	>RC208357 protein sequence Red=Cloning site Green=Tags(s)

MASLGDLVRAWHLGAQAVDRGDWARALHLFSGVPAPPARLCFNAGCVHLLAGDPEAALRAFDQAVTKDTC
MAVGFFQRGVANFQLARFQEALSDFWLALQLRGHAAIDYTQLGLRFKLQAWVLEHNVASQCQLGLWTE
AASSLREAMSKWPEGSLNGLDSALDQVQRRGSLPPRQVPRGEVFRPHRWHLKHLEPVDLFLGKAKVVASAI
PDDQGWGVRPQQPQGGANHDARSLIMDSPRAGTHQGPLDAETEVGADRCTSTAYQEQRQVEQVQKQAP
LSPGLPAMGGPGPGPCEDPAGAGGAGAGGSEPLVTVTVQCFTVALRARRGADLSSLRALLGQALPHQAQ
LGQLSYLAPGEDGHWVPIPEEESLQRAWQDAAACPRGLQLQCRGAGGRPVLQVVAQHSYSAQGPEDLGF
RQGDVTVDVLCCEPDVPLAVDQAWLEGHCDGRIGIFPKCFVVPAGPRMSGAPGRLPRSQGDQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_006638</u>
RefSeq Size:	1650
RefSeq ORF:	1449
Synonyms:	NY-CO-31; p51NOX; SDCCAG31



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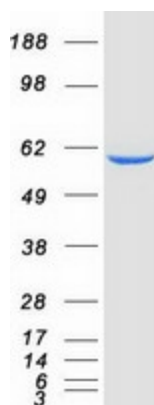
Locus ID: 10811

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

Cytogenetics: 9q34.3

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]).