

Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1 (NOX1) Recombinant Protein | NOX1 recombinant protein

Recombinant Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1 (NOX1)

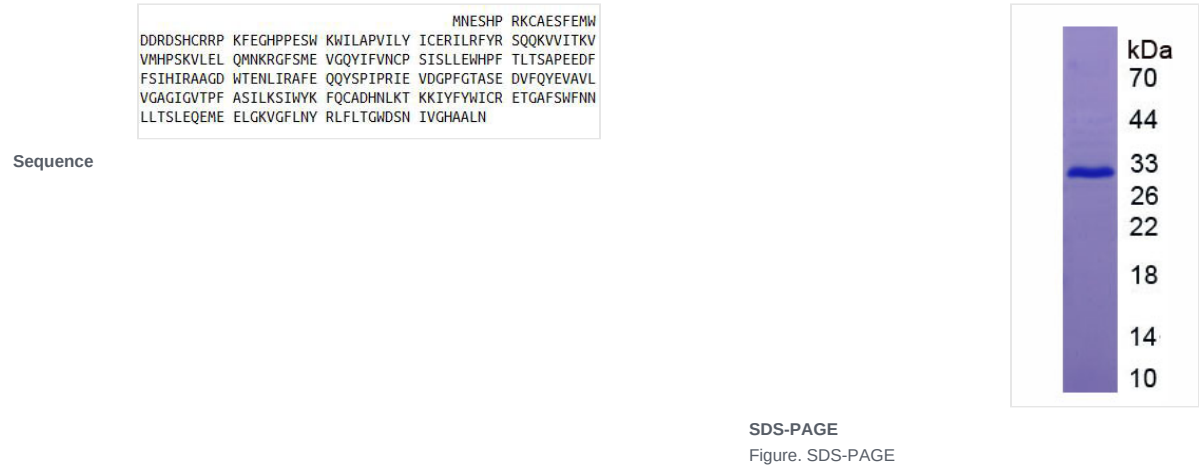
CATALOG # AAA20230	HOST E. coli	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1 (NOX1); Recombinant Nicotinamide Adenine Dinucleotide Phosphate Oxidase 1 (NOX1); NOX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin 300.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for NOX1 recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Met235~Asn488
Tags	N-terminal His-Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Predicted isoelectric point	6.3
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH 8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



NCBI AND UNIPROT INFORMATION

NCBI GI #	425854820
NCBI GeneID	27035
NCBI Accession #	NP_001258744.1
NCBI GenBank Nucleotide #	NM_001271815.1
UniProt Accession #	Q9Y5S8; O95691; Q2PP02; A8K836
Molecular Weight	Predicted: 30.8kDa!!Accurate: 32kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	NADPH oxidase 1 isoform 3
NCBI Official Synonym Full Names	NADPH oxidase 1
NCBI Official Symbol	NOX1
NCBI Official Synonym Symbols	MOX1; NOH1; NOH-1; GP91-2
NCBI Protein Information	NADPH oxidase 1; mitogenic oxidase 1; NADPH oxidase homolog-1; NADH/NADPH mitogenic oxidase subunit P65-MOX; mitogenic oxidase (pyridine nucleotide-dependent superoxide-generating)
UniProt Protein Name	NADPH oxidase 1
UniProt Gene Name	NOX1
UniProt Synonym Gene Names	MOX1; NOH1; NOX-1; MOX-1
UniProt Entry Name	NOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.