

NADPH Oxidase 4 Recombinant Protein | NOX4 recombinant protein

Recombinant NADPH Oxidase 4 (NOX4)

CATALOG # AAA150236	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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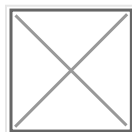
PRODUCT SYNONYMS

NADPH Oxidase 4; Recombinant NADPH Oxidase 4 (NOX4); KOX; KOX-1; RENOX; Nicotinamide Adenine Dinucleotide Phosphate Oxidase 4; NOX4 recombinant protein

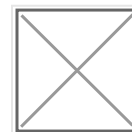
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for NOX4 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gly210–Ser578
Tags	N-terminal His Tag
Subcellular Location	Membrane, Endoplasmic reticulum lumen
Traits	Freeze-dried powder
Predicted isoelectric point	8.7
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.

IMAGES



SDS-PAGE



Gene Sequence
Gene Sequencing (extract)



Sequence

ADDITIONAL INFORMATION

Product Categories/Family for NOX4 recombinant protein	Signal transduction; Enzyme & Kinase; Metabolic pathway; Tumor immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7739704
NCBI GeneID	50507
Molecular Weight	Predicted Molecular Mass: 46.7kDa Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	NADPH oxidase 4
NCBI Official Synonym Full Names	NADPH oxidase 4
NCBI Official Symbol	NOX4
NCBI Official Synonym Symbols	KOX; KOX-1; RENOX
NCBI Protein Information	NADPH oxidase 4

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.

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Online datasheet: <https://stage.aaabiotech.com/nadph-oxidase-4-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150236>