

[Go to Product page](#)

Datasheet for ABIN7505064

NADPH Oxidase 4 Protein (NOX4) (AA 220-392) (His tag)

Overview

Quantity:	100 µg
Target:	NADPH Oxidase 4 (NOX4)
Protein Characteristics:	AA 220-392
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NADPH Oxidase 4 protein is labelled with His tag.

Product Details

Sequence:	Asp 220-Asp 392
Characteristics:	A DNA sequence encoding the Human NOX4 protein (Q9NPH5) (Asp 220-Asp 392) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	NADPH Oxidase 4 (NOX4)
Alternative Name:	NOX4 (NOX4 Products)
Background:	Background: NADPH Oxidase 4/NOX4, also known as Renal NADPH Oxidase/RENOX and Kidney Oxidase 1/KOX1, is a 66 to 75 kDa member of the NOX family of NADPH oxidases. NOX family members are a major source of reactive oxygen species (ROS), including hydrogen peroxide and

Target Details

	Synonym: KOX 1,KOX,Kox-1,KOX1,NADPH,NADPH oxidase Nox4,NOX4,Renal NAD(P)H oxidase,Renal NAD(P)H-oxidase,RENOX
Molecular Weight:	18.92 kDa
UniProt:	Q9NPH5
Pathways:	Carbohydrate Homeostasis , Smooth Muscle Cell Migration

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months