

NOX4 抗原（重组蛋白）

中文名称： NOX4 抗原（重组蛋白）

英文名称： NOX4 Antigen (Recombinant Protein)

别 名： KOX, KOX-1, RENOX

储 存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 210-424 amino acids of human NOX4

技术规格

Full name:	NADPH oxidase 4
Synonyms:	KOX, KOX-1, RENOX
Swissprot:	Q9NPH5
Gene Accession:	BC040105
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the NOX-family of enzymes that functions as the catalytic subunit the NADPH oxidase complex. The encoded protein is localized to non-phagocytic cells where it acts as an oxygen sensor and catalyzes the reduction of molecular oxygen to various reactive oxygen species (ROS). The ROS generated by this protein have been implicated in numerous biological functions including signal transduction, cell differentiation and tumor cell growth. A pseudogene has been identified on the other arm of chromosome 11. Alternative splicing results in multiple transcript variants.