

Recombinant Human NOX4

Catalog No: #GP10643



Package Size: #GP10643-1 100ug

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Description

Product Name	Recombinant Human NOX4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 210-424 amino acids of human NOX4
Target Name	NADPH oxidase 4
Other Names	KOX, KOX-1, RENOX
Accession No.	Swissprot:Q9NPH5Gene Accession:BC040105
Uniprot	Q9NPH5
GeneID	50507;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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