

## Recombinant Human NOX4, GST-tagged

Cat. No. NOX4-1336H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NOX4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	224-578aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	NOX4 NADPH oxidase 4 [ Homo sapiens ]
<b>Official Symbol</b>	NOX4
<b>Synonyms</b>	NOX4; NADPH oxidase 4; KOX; KOX 1; kidney oxidase-1; renal NAD(P)H-oxidase; kidney superoxide-producing NADPH oxidase; KOX-1; RENOX;
<b>Gene ID</b>	50507

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<b>mRNA Refseq</b>	<a href="#">NM_001143836</a>
<b>Protein Refseq</b>	<a href="#">NP_001137308</a>
<b>MIM</b>	<a href="#">605261</a>
<b>UniProt ID</b>	<a href="#">Q9NPH5</a>
<b>Chromosome Location</b>	11q14.2-q21
<b>Pathway</b>	Oxidative Stress, organism-specific biosystem; Signaling events mediated by PTP1B, organism-specific biosystem;
<b>Function</b>	NAD(P)H oxidase activity; electron carrier activity; flavin adenine dinucleotide binding; heme binding; modified amino acid binding; nucleotide binding; oxidoreductase activity; oxygen sensor activity;

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