

Recombinant Human NOX4, GST-tagged

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

SPECIFICATION

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

GENE INFORMATION

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

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mRNA Refseq	NM_001143836
Protein Refseq	NP_001137308
MIM	605261
UniProt ID	Q9NPH5
Chromosome Location	11q14.2-q21
Pathway	Oxidative Stress, organism-specific biosystem; Signaling events mediated by PTP1B, organism-specific biosystem;
Function	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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