

## Recombinant Human NOX4 protein, His-tagged

Cat. No. NOX4-3282H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NOX4 protein(Q9NPH5)(210-424aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	210-424aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	28.8 kDa
<b>AA Sequence</b>	GGLLKYQTNLDTHPPGCISLNRTSSQNISLPEYFSEHFHEPFPEGFSKPAEFTQHKF VKICMEEPFRFQANFPQTLWLWISGPLCLYCAERLYRYIRSNKPVTIISVMSHPSDVMEI RMVKENFKARPGQYITLHCPSVSALENHPFTLTMCPTETKATFGVHLKIVGDWTERF RDLLLPPSSQDSEILPFIQSRNYPKLYIDGPPFGSPFEESLNYE
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**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
<b>mRNA Refseq</b>	NM_001143836
<b>Protein Refseq</b>	NP_001137308
<b>MIM</b>	605261
<b>UniProt ID</b>	Q9NPH5

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