Recombinant Human NOX4 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NOX4 protein(Q9NPH5)(210-424aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	210-424aa
Form	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.
Molecular Mass	28.8 kDa
AA Sequence	GGLLKYQTNLDTHPPGCISLNRTSSQNISLPEYFSEHFHEPFPEGFSKPAEFTQHKF VKICMEEPRFQANFPQTWLWISGPLCLYCAERLYRYIRSNKPVTIISVMSHPSDVMEI RMVKENFKARPGQYITLHCPSVSALENHPFTLTMCPTETKATFGVHLKIVGDWTERF RDLLLPPSSQDSEILPFIQSRNYPKLYIDGPFGSPFEESLNYE
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	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

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
mRNA Refseq	NM_001143836
Protein Refseq	NP_001137308
MIM	605261
UniProt ID	Q9NPH5

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