

## Recombinant Human NOX4 protein, His-tagged(VLPs)

**Cat. No.** NOX4-298H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human NOX4 protein(Q9NPH5)(1-578aa), fused with C-terminal His tag, was expressed in HEK293.                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 1-578aa                                                                                                                                                                                                                                                    |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>           |
| <b>AA Sequence</b>      | <p>GGLLKYQTNVDTHPPGCISLNQTSSQNMSIPDYVSEHFHGSLPRGFSKLEDTRYQKT</p> <p>LVKI CLEEPKFQAHFPQTWIWISGPLCLYCAERLYRCIRSNKPVTIISVINHPSDVMEL</p> <p>RMIKE NFKARPGQYIILHCPVSVALENHPFTLTMCPTETKATFGVHFKVVGDWTERF</p> <p>RDLLPPS SQDSEILPFIHSRNYPKLYIDGPFPGSPFEESLNYE</p> |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                             |
| <b>Reconstitution</b>   | 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.                                                  |

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## 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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