

# Recombinant Human ENOX1 protein, His-tagged

**Cat. No.** ENOX1-3770H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ENOX1 protein(344-643 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 344-643 aa                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                                 |
| <b>AA Sequence</b>      | TQFEQIVAVFNASTRQKAWDHFSKAQRKNIDIWRKHSEELRNAQSEQLMGIRREEE<br>MEMSDDENCDSPTKKMRVDESALAAQAYALKEENDSLRWQLDAYRNEVELLKQEK<br>EQLFRTEENLT KDQQLQFLQQT MQGMQQQLLTIQEELNNKKSELEQAKEEQSHTQA<br>LLKVLQEQLKGT KELVETNGHSHEDSNEINVLTVALVNQDRENNIEKRSQGLKSEKE<br>ALLIGIISTFLHVHPFGANIEYLWSYMQQLDSKISANEIEMLLMRLPRMFKQEFTGVGA<br>TLEKRWKLCAFEGIKTT |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw                                                                                                        |

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cycles.

#### Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

#### Gene Name

[ENOX1](#) ecto-NOX disulfide-thiol exchanger 1 [ Homo sapiens ]

#### Official Symbol

[ENOX1](#)

#### Synonyms

ENOX1; ecto-NOX disulfide-thiol exchanger 1; cCNOX; CNOX; FLJ10094; PIG38; constitutive Ecto-NOX; cell proliferation-inducing gene 38 protein; candidate growth-related and time keeping constitutive hydroquinone (NADH) oxidase; candidate growth-related and time keeping constitutive hydroquinone [NADH] oxidase; bA64J21.1; FLJ30915;

#### Gene ID

[55068](#)

#### mRNA Refseq

[NM\\_001127615](#)

#### Protein Refseq

[NP\\_001121087](#)

#### MIM

[610914](#)

#### UniProt ID

[Q8TC92](#)

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