

Recombinant Human ENOX1 Protein, His-tagged

Cat. No. ENOX1-1426H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENOX1 Protein (Met1-Glu229) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu229
Description	The protein encoded by this gene is involved in plasma membrane electron transport pathways. The encoded protein has both a hydroquinone (NADH) oxidase activity and a protein disulfide-thiol interchange activity. The two activities cycle with a periodicity of 24 minutes, with one activity being at its peak when the other is at its lowest.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.6 kDa Accurate Molecular Mass: 29 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

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

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](#)

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UniProt ID

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