

Recombinant Full Length Human ENOX1 Protein, GST-tagged

Cat. No. ENOX1-714HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human ENOX1(1 a.a. - 643 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	643 amino acids
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	99.7 kDa
AA Sequence	MVDAGGVENI TQLPQELPQM MAAAADGLGS IAIDTTQLNM SVTDPTAWAT AMNNLGMVPV GLPGQQLVSD SICVPGFDPS LNMMTGITPI NPMIPGLGLV PPPPPTDEVAV VKEIIHCKSC TLFPQNP NLP PPSTRERPPG CKTVFVGGLP ENATEEIIQE VFEQCGDITA IRKSKKNFCH IRFAEEFMVD KAIYLSGYRM RLGSSTDKKD SGRLHVDFAQ ARDDFYEWEC KQRM RAREER HRRKLEEDRL RPPSPPAIMH YSEHEAALLA EKLKDDSKFS EAITVLLSWI ERGEVNR RSA

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NQFYSMVQSA NSHVRRLMNE KATHEQEMEE AKENFKNALT GILTQFEQIV
 AVFNASTRQK AWDHFSKAQR KNIDIWRKHS EELRNAQSEQ LMGIRREEEM
 EMSDDENCDS PTKKMRVDES ALAAQAYALK EENDSLRWQL DAYRNEVELL
 KQEKEQLFRT EENLTQDQQL QFLQQTMOGM QQQLLTIQEE LNNKKSELEQ
 AKEEQSHTQA LLKVLQEQLK GTKELVETNG HSHEDSNEIN VLTVALVNQD
 RENNIEKRSQ GLKSEKEALL IGIISTFLHV HPFGANIEYL WSYMQQQLDSK
 ISANEIEMLL MRLPRMFKQE FTGVGATLEK RWKLCAFEGI KTT

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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](#)

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MIM	610914
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UniProt ID	Q8TC92
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