

Recombinant Human ENOX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ENOX1-2333H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ENOX1 MS Standard C13 and N15-labeled recombinant protein (NP_060463) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	73.3 kDa
AA Sequence	MVDAGGVENITQLPQELPQMMAAADGLGSIAIDTTQLNMSVTDPTAWATAMNNLG MVPVGLPGQQLVSDSICVPGFDPSLNMMTGITPINPMIPGLGLVPPPPPTTEVAVVKEI IHCKSCTLFPQNPNLPPPSTREPPGCKTVFVGGLPENATEEIIQEVFEQCGDITAIR KSKKNFCHIRFAEEFMVDKAIYLSGYRMRLGSSTDKKDSGRLHVDFQAQARDDFYEW ECKQRMRAAREERHRRKLEEDRLRPPSPPAIMHYSEHEAALLAEKLKDDSKFSEAITV LLSWIERGEVNRRSANQFYSMVQSANSVHRRLMNEKATHEQEMEEAKENFKNALT GILTQFEQIVAVFNASTRQKAWDHFSKAQRKNIDIWRKHSEELRNAQSEQLMGIRRE EEMEMSDDENCDSPTKKMRVDESALAAQAYALKEENDSLRWQLDAYRNEVELLKQ

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EKEQLFRTEENLTkdqqlqflqqtmqgmqqlltiqeelnkkseleqakeeqsht
 QALLKVLQEQLKGTkELVETNGHSHEDSNEINVLTVALVNQDRENNIEKRSQGLKSE
 KEALLIGIISTFLHVHPFGANIEYLWSYMQQLDSKISANEIEMLLMRLPRMFKQEFTGV
 GATLEKRWKLCAFEGIKTTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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_017993

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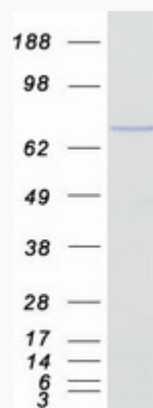
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Protein Refseq NP_060463

MIM 610914

UniProt ID Q8TC92

SDS-PAGE



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