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

Cat. No. ENOX1-3664H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ENOX1 MS Standard C13 and N15-labeled recombinant protein (NP_001121087) 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	MVDAGGVENITQLPQELPQMMAAAADGLGSIAIDTTQLNMSVTDPTAWATAMNNLG MVPVGLPGQQLVSDSICVPGFDPSLNMMTGITPINPMIPGLGLVPPPPPTEVAVVKEI IHCKSCTLFPQNPNLPPPSTRERPPGCKTVFVGGLPENATEEIIQEVFEQCGDITAIR KSKKNFCHIRFAEEFMVDKAIYLSGYRMRLGSSTDKKDSGRLHVDFAQARDDFYEW ECKQRMRAREERHRRKLEEDRLRPPSPPAIMHYSEHEAALLAEKLKDDSKFSEAITV LLSWIERGEVNRRSANQFYSMVQSANSHVRRLMNEKATHEQEMEEAKENFKNALT GILTQFEQIVAVFNASTRQKAWDHFSKAQRKNIDIWRKHSEELRNAQSEQLMGIRRE EEMEMSDDENCDSPTKKMRVDESALAAQAYALKEENDSLRWQLDAYRNEVELLKQ

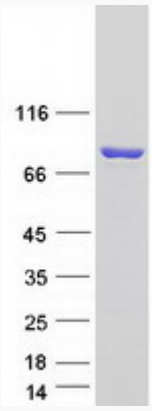
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	EKEQLFRTEENLTKDQQLQFLQQTMQGMQQQLLTIQEELNNKKSELEQAKEEQSHT 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_001127615

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Protein Refseq	NP_001121087
MIM	610914
UniProt ID	Q8TC92
SDS-PAGE	

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