

Recombinant Full Length Human ENOX1 Protein, C-Flag-tagged

Cat. No. ENOX1-1025HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ENOX1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	73.2 kDa
AA Sequence	MVDAGGVENITQLPQELPQMMAAADGLGSIADTTQLNMSVTDPTAWATAMNNLG MVPVGLPGQQLVSD SICVPGFDPSLNMMTGITPINPMIPGLGLVPPPPPTEVAVVKE IIHCKSCTLFPQNPNLPPPSTRERPPG CKTVFVGGLPENATEEIIQEVFEQCGDITAIR KSKKNFCHIRFAEEFMVDKAIYLSGYRMRLGSSTDKKD SGRLHVDFFAQARDDFYE WECKQRMRRAREERHRRKLEEDRLRPPSPPAIMHYSEHEAALLAEKLDKDSKFS EAI TVLLSWIERGEVNRRSANQFYSMVQSANSVRRMLMNEKATHEQEMEEAKENFKNA LTGILTQFEQIV AVFNASTRQKAWDHFSKAQRKNIDIWRKHSEELRNAQSEQQLMGIR

 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

REEEMEMSDDENCDSPTKKMRVDES ALAAQAYALKEENDSLRWQLDAYRNEVELL
 KQEKEQLFRTEENLTkdqqlqflqqtmqgmqqqlltiqee LNNKKSELEQAKEEQ
 SHTQALLKVLQEQLKGTkELVETNGHSHEDSNEINVLTVALVNQDRENNIEKRSQ GL
 KSEKEALLIGIISTFLHVHPFGANIEYLWSYMQQLDSKISANEIEMLLMRLPRMFKQEF
 TGVGATLEK
 RWKLCAFEGIKTTTTTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Full Length Full L.

GENE INFORMATION

Gene Name ENOX1 ecto-NOX disulfide-thiol exchanger 1 [Homo sapiens (human)]

Official Symbol ENOX1

Synonyms CNOX; PIG38; cCNOX; bA64J21.1

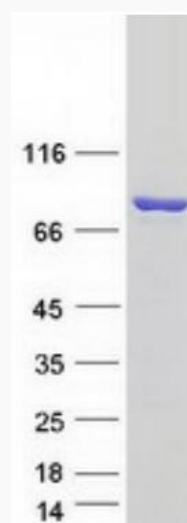
Gene ID 55068

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mRNA Refseq	NM_001127615.3
Protein Refseq	NP_001121087.1
MIM	610914
UniProt ID	Q8TC92



Coomassie blue staining of purified ENOX1 protein.