

Recombinant Mouse Enox2 Protein, Myc/DDK-tagged

Cat. No. Enox2-2830M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ecto-NOX disulfide-thiol exchanger 2 (Enox2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	May be involved in cell growth. Probably acts as a terminal oxidase of plasma electron transport from cytosolic NAD(P)H via hydroquinones to acceptors at the cell surface. Hydroquinone oxidase activity alternates with a protein disulfide-thiol interchange/oxidoreductase activity which may control physical membrane displacements associated with vesicle budding or cell enlargement. The activities oscillate with a period length of 22 minutes and play a role in control of the ultradian cellular biological clock.
Molecular Mass	68.3 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Enox2](#) ecto-NOX disulfide-thiol exchanger 2 [*Mus musculus* (house mouse)]

Official Symbol [Enox2](#)

Synonyms Enox2; ecto-NOX disulfide-thiol exchanger 2; AP; Co; tN; APK1; tNOX; Cova1; ecto-NOX disulfide-thiol exchanger 2; APK1 antigen; cytosolic ovarian carcinoma antigen 1; tumor-associated hydroquinone oxidase

Gene ID [209224](#)

mRNA Refseq [NM_145951](#)

Protein Refseq [NP_666063](#)

UniProt ID [Q8R0Z2](#)

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