

Recombinant Mouse Enox1 Protein, Myc/DDK-tagged

Cat. No. Enox1-2829M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ecto-NOX disulfide-thiol exchanger 1 (cDNA clone MGC:62454 IMAGE:5703279), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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 24 minutes and play a role in control of the ultradian cellular biological clock.
Molecular Mass	75.2 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

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

GENE INFORMATION

Gene Name [Enox1](#) [ecto-NOX disulfide-thiol exchanger 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Enox1](#)

Synonyms [Enox1](#); [ecto-NOX disulfide-thiol exchanger 1](#); [B230207J08](#); [D230005D02Rik](#); [ecto-NOX disulfide-thiol exchanger 1](#); [cNOX](#); [constitutive Ecto-NOX](#)

Gene ID [239188](#)

mRNA Refseq [NM_172813](#)

Protein Refseq [NP_766401](#)

UniProt ID [Q8BHR2](#)

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