

Ecto-NOX disulfide-thiol exchanger 1 (ENOX1) Recombinant Protein | ENOX1 recombinant protein

Recombinant Human Ecto-NOX disulfide-thiol exchanger 1 (ENOX1)

CATALOG # AAA116764	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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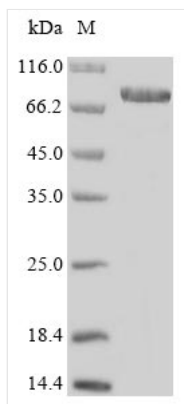
PRODUCT SYNONYMS

Ecto-NOX disulfide-thiol exchanger 1 (ENOX1); Recombinant Human Ecto-NOX disulfide-thiol exchanger 1 (ENOX1); Ecto-NOX disulfide-thiol exchanger 1; Candidate growth-related and time keeping constitutive hydroquinone [NADH] oxidase; cCNOX; Cell proliferation-inducing gene 38 protein; Constitutive Ecto-NOX; cNOX; Including the following 2 domains:: Hydroquinone [NA; ENOX1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-643aa; Full Length
Sequence	MVDAGGVENI TQLPQELPQM MAAAADGLGS IAIDTTQLNM SVTDPTAWAT AMNNLGMVPV GLPGQQLVSD SICVPGFDPS LNMMTGITPI NPMIPGLGLV PPPPTTEVAV VKEIIHCKSC TLFQNPPLP PPSTRERPPG CKTVFVGGLP ENATEEIIQE VFEQCGDITA IRKSKKNFCH IRFAEEFMVD KAIYLSGYRM RLGSSTDKKD SGRLHVDFAQ ARDDFYEWEC QQRMAREER HRRKLEEDRL RPPSPPAIMH YSEHEAALLA EKLKDDSKFS EAITVLLSWI ERGEVNR RSA NQFYSMVQSA NSHVRLMNE KATHEQEMEE AKENFKNALT GILTQFEQIV AVFNASTRQK AWDHFSKAQR KNIDIWRKHS EELRNAQSEQ LMGIRREEEM EMSDDENCDS PTKKMRVDES ALAAQAYALK EENDSLRWQL DAYRNEVELL KQEKEQLFRT EENLTKDQQL QFLQQTMMQGM QQQLLTIQEE LNNKKSELEQ AKKEQSHTQA LLKVLQEQLK GTKELVETNG HSHEDSNEIN VLTVALVNQD RENNIEKRSQ GLKSEKEALL IGIISTFLHV HPFGANIEYL WSYMQLDSK ISANEIEMLL MRLPRMFKQE FTGVGATLEK RWKLCAFEKI KTT
Sequence Length	643
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ENOX1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189027048
NCBI GeneID	55068
NCBI Accession #	NP_001121087.1
NCBI GenBank Nucleotide #	NM_001127615.1
UniProt Accession #	Q8TC92; Q2TU81; Q5VT11; Q9NWE0; A4GU15; A6NMH9
Molecular Weight	80.3 kDa
NCBI Official Full Name	ecto-NOX disulfide-thiol exchanger 1
NCBI Official Synonym Full Names	ecto-NOX disulfide-thiol exchanger 1
NCBI Official Symbol	ENOX1
NCBI Official Synonym Symbols	CNOX; PIG38; cCNOX; bA64J21.1
NCBI Protein Information	ecto-NOX disulfide-thiol exchanger 1; 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
UniProt Protein Name	Ecto-NOX disulfide-thiol exchanger 1
UniProt Gene Name	ENOX1
UniProt Synonym Gene Names	cCNOX; cNOX
UniProt Entry Name	ENOX1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.