

Ecto-NOX disulfide-thiol exchanger 2

Catalog No: #AP79112

Package Size: #AP79112-1 50ug #AP79112-2 100ug #AP79112-3 1mg

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Description

Product Name	Ecto-NOX disulfide-thiol exchanger 2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	263-366AA
Other Names	COVA1,APK1 antigen,Cytosolic ovarian carcinoma antigen 1,Tumor-associated hydroquinone oxidase,tNOX
Accession No.	Q16206Gene name:ENOX2
Uniprot	Q16206
GeneID	10495;
Calculated MW	11.44
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

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Note: This product is for in vitro research use only