

Product datasheet

Recombinant Human ENOX2 / tNOX protein ab161022

1 Image

Overview

Product name	Recombinant Human ENOX2 / tNOX protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MIQSANSHVRRRLVNEKAAHEKDMEEAKEKFKQALSGI LIQFEQMAVYHS ASKQKAWDHFTKAQRKNISVWCKQAEIIRNIHNDELM GIRREEEMMSDD EIEEMTETKETEEESVSQAEALKEENDSLRWQLDAYRN EVLLKQEQQGVH REDDPNKEQQLKLLQQALQGMQQHLLKVQEEYKKKE AELEKLDKDKLQVE KMLENLKEKESCASRLCASNQDSEYPLEKTMNSSPIK SEREALLVGIIST FLHVHPFGASIEYICSYLHRLDNKICTSDVECLMGRLLQH TFKQEMTGVGA SLEKRWKFCGFEGGLKT</p>
Amino acids	1 to 317
Tags	proprietary tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab161022** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot ELISA
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml. Previously labelled as ENOX2.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

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.

Tissue specificity

Found in the sera of cancer patients with a wide variety of cancers including breast, prostate, lung and ovarian cancers, leukemias, and lymphomas. Not found in the serum of healthy volunteers or patients with disorders other than cancer. Probably shed into serum by cancer cells. Found on the cell borders of renal, kidney and ovarian carcinomas but not on the borders of surrounding non-cancerous stromal cells.

Sequence similarities

Belongs to the ENOX family.

Contains 1 RRM (RNA recognition motif) domain.

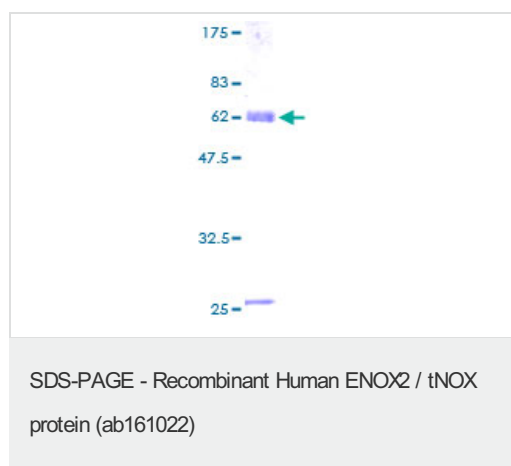
Post-translational modifications

Glycosylated.

Cellular localization

Cell membrane. Secreted > extracellular space. Extracellular and plasma membrane-associated.

Images



ab161022 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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