

Datasheet for ABIN7564687
ENOX2 Protein (AA 1-598) (His tag)



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Overview

Quantity:	1 mg
Target:	ENOX2
Protein Characteristics:	AA 1-598
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENOX2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Enox2 Protein expressed in mammalian cells.
Sequence:	<p>MTLPVSDPAA WATAMNNLGM APLGIAGQPI LPDFDPALGM MTGIPPITPM MPGLGIVPPP IPDPMPVAKE IIHCKSCTLF PPNPNLPPPA TRERPPGCKT VFGGLPENG TEQIIVEVFE QCGEIIAIRK SKKNFCHIRF AEEYMVDKAL YLSGYRIRLG SSTDKKDTGR LHVDFFAQARD DLYEWECKQR MLAREERHRR RMEEERMPP SPPPVVHYSD HECSIVAEKL KDDSKFSEAV QTLTWTIERG EVNRRSANHF YSMIQSANSR VRRLVNEKAT HEKEMEEAKE KFKQALSGIL IQFEQIVAVY HSASKQKAWD HFTKAQRKNI SVWCKQAEI RNIHNDELGM IRREEEMEMS DDEIEETTET KETEESALVS QAEALKEEND SLRWQLDAYR NEVELLKQEQ GKAHREDDPN KEQQLKLLQQ ALQGMQQHLL KVQEEYKKKE AELDRIKDDN LQVEQLLENF HEKQENCGR LCASSQEGEQ PLEKTAVSNP VKSREALLV GIISTFLHVH PFGASIEYIC SYLNRLDNKA SYQIPSKLTT SPLLPSTSD VESLMSRLQH TFRQEMTGVG ASLEKRWKFC GFEGKLKLT Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you</p>

Product Details

have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: ENOX2

Alternative Name: Enox2 ([ENOX2 Products](#))

Background: Ecto-NOX disulfide-thiol exchanger 2 (APK1 antigen) (Cytosolic ovarian carcinoma antigen 1) (Tumor-associated hydroquinone oxidase) (tNOX) [Includes: Hydroquinone [NADH] oxidase (EC 1.-.-.), Protein disulfide-thiol oxidoreductase (EC 1.-.-.)],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 (By similarity). {ECO:0000250|UniProtKB:Q16206}.

Target Details

Molecular Weight: 68.3 kDa

UniProt: [Q8R0Z2](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months