

Datasheet for ABIN7553815
ENOX2 Protein (AA 1-610) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | ENOX2 |
| Protein Characteristics: | AA 1-610 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This ENOX2 protein is labelled with His tag. |

Product Details

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|-----------|---|
| Purpose: | Custom-made recombinant ENOX2 Protein expressed in mammalian cells. |
| Sequence: | <p>MQRDFRWLWV YEIGYAADNS RTLNV DSTAM TLPMSDPTAW ATAMNNLGMA PLGIAGQPIL PDFDPALGMM TGIPPITPMM PGLGIVPPPI PPDMPVVKEI IHCKSCTLFP PNPNLPPPAT RERPPGCKTV FVGGLPENG T EQIIVEVFEQ CGEIIAIRKS KKNFCHIRFA E EYMVDKALY LSGYRIRLGS STDKKDTGRL HVDF AQARDD LYEW ECKQRM LAREERHRRR MEEERLRPPS PPPVVHYS DH ECSIVA EKLK DDSKFSEAVQ TLLTWIERGE VNRRSANNFY SMIQSANSHV RRLVNEKAAH EKDMEEAKEK FKQALSGILI QFEQIVAVYH SASKQKAWDH FTKAQRKNIS VWCKQAE EIR NIHNDEL MGI RREEEMEMSD DEIEEMTETK ETEESALVSQ AEALKEENDS LRWQLDAYRN EV ELLKQEQG KVHREDDPNK EQQLKLLQQA LQGMQQHLLK VQE EYKKKEA ELEK LKDDKL QVEKMLENLK EKES CASRLC ASNQDSEYPL EKT MNSSPIK SREALLVGI ISTFLHVHPF GASIEYICSY LHRLDNKICT SDVECLMGRL QHTFKQEMTG VGASLEKRWK FCGF EGLKLT 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</p> |

Product Details

necessary. In case you 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. {ECO:0000269|PubMed:12356293, ECO:0000269|PubMed:9932650}.

Target Details

Molecular Weight: 70.1 kDa

UniProt: [Q16206](#)

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