



Recombinant Human Ecto-NOX disulfide-thiol exchanger 2 (ENOX2)

Product Code	CSB-EP007677HU-B
Abbreviation	ENOX2
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q16206
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MQRDFRWLWV YEIGYAADNS RTLNV DSTAM TLPMSDPTAW ATAMNNLGMA PLGIAGQPIL PDFDPALGMM TGIPPITPMM PGLGIVPPPI PPDMPVVKEI IHCKSCTLFP PNPNLPPPAT RERPPGCKTV FVGGLPENG EQIIVEVFEQ CGEIIAIRKS KKNFCHIRFA EEYMVDKALY LSGYRIRLGS STDKKDTGRL HVDFFAQARDD LYEWCKQRM 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 EVLLKQEQG KVHREDDPNK EQQLKLLQQA LQGMQQHLLK VQEEYKKKEA ELEKLKDDKL QVEKMLENLK EKESCASRLC ASNQDSEYPL EKT MNSSPIK SREALLVGI ISTFLHVHPF GASIEYICSY LHRLDNKICT SDVECLMGRL QHTFKQEMTG VGASLEKRWK FCGFEGLKLT
Source	E.coli
Target Names	ENOX2
Protein Names	Recommended name: Ecto-NOX disulfide-thiol exchanger 2 Alternative name(s): APK1 antigen Cytosolic ovarian carcinoma antigen 1 Tumor-associated hydroquinone oxidase Short name= tNOX Including the following 2 domains: Hydroqu
Expression Region	1-610
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a growth-related cell surface protein. It was identified because it reacts with the monoclonal antibody KI in cells, such as the ovarian carcinoma line OVCAR-3, also expressing the CAK1 surface glycoprotein. The encoded



protein has two enzymatic activities: catalysis of hydroquinone or NADH oxidation, and protein disulfide interchange. The two activities alternate with a period length of about 24 minutes. The encoded protein also displays prion-like properties. Two transcript variants encoding different isoforms have been found for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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