

Datasheet for ABIN7553842
ENOX1 Protein (AA 1-643) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ENOX1
Protein Characteristics:	AA 1-643
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ENOX1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ENOX1 Protein expressed in mammalian cells.
Sequence:	<p>MVDAGGVENI TQLPQELPQM MAAAADGLGS IAIDTTQLNM SVTDPTAWAT AMNNLGMVPV GLPGQQLVSD SICVPGFDPS LNMMTGITPI NPMIPGLGLV PPPPTTEVAV VKEIHKSC TLFPQNP NLP PPSTRERPPG CKTVFVGGLP ENATEEIIQE VFEQCGDITA IRKSKKNFCH IRFAEEFMVD KAIYLSGYRM RLGSSTDKKD SGRLHVDFAQ ARDDFYEWEC KQRM RAREER HRRKLEEDRL RPPSPPAIMH YSEHAALLA EKLKDDSKFS EAITVLLSWI ERGEVNR RSA NQFYSMVQSA NSHVRR LMNE KATHEQEMEE AKENFKNALT GILTQFEQIV AVFNASTRQK AWDHFSKAQR KNIDIWRKHS EELRNAQSEQ LMGIRREEEM EMSDDENCDS PTKKMRVDES ALAAQAYALK EENDSLRWQL DAYRNEVELL KQEKEQLFRT EENLTKDQQL QFLQQT MQGM QQQLLT IQEE LNNKKSELEQ AKEEQSHTQA LLKVLQEQLK GTKELVETNG HSHEDSNEIN VLTVALVNQD RENNIEKRSQ GLKSEKEALL IGIISTFLHV HPFGANIEYL WSYMQQLDSK ISANEIEMLL MRLPRMFKQE FTGVGATLEK RWKLCAFE GI KTT Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different</p>

complexity of the protein could make another tag 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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	ENOX1
Alternative Name:	ENOX1 (ENOX1 Products)
Background:	<p>Ecto-NOX disulfide-thiol exchanger 1 (Candidate growth-related and time keeping constitutive hydroquinone [NADH] oxidase) (cCNOX) (Cell proliferation-inducing gene 38 protein) (Constitutive Ecto-NOX) (cNOX) [Includes: Hydroquinone [NADH] oxidase (EC 1.-.-.-), Protein disulfide-thiol oxidoreductase (EC 1.-.-.-)],FUNCTION: 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 24 minutes and play a role in control of the ultradian cellular biological clock.</p>

Target Details

	{ECO:0000269 PubMed:11360993, ECO:0000269 PubMed:12565167, ECO:0000269 PubMed:17027975, ECO:0000269 PubMed:19055324}.
Molecular Weight:	73.3 kDa
UniProt:	Q8TC92

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