

## Product datasheet for TP305232L

### ENOX1 (NM\_017993) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human ecto-NOX disulfide-thiol exchanger 1 (ENOX1), transcript variant 1, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC205232 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MVDAGGVENITQLPQELPQMMAAADGLGSIADTTQLNMSVTDPTAWATAMNNLGMVPVGLPGQQLVSD SICVPGFDPSLNMMTGITPINPMIPGLGLVPPPPTEVAVVKEIIHCKSCTLFQNPNLPPPSTRERPPG CKTVFVGGLPENATEEIIQEVFEQCGDITAIRKSKKNFCHIRFAEEFMVDKAIYLSGYRMRLGSSTDKKD SGRLHVDFQAQARDDFYEWECQRMREERHRRKLEEDRLRPPSPPAIMHYSEHEAALLAEKLDKDSKFS EAITVLLSWIERGEVNRRSANQFYSMVQSANSVRRLLMNEKATHEQEMEEAKENFKNALTGILTQFEQIV AVFNASTRQKAWDHFSKAQRKNIDIWRKHSEELRNAQSEQLMGIRREEEMEMSDDENCDSPTKKMRVDES ALAAQAYALKEENDSLRWQLDAYRNEVELLKQEKEQLFRTEENLTKDQQLQFLQQTMMQGMQQQLTIQEE LNNKKSELEQAKEEQSHTQALLKVLQEQLKGTKELVETNGHSHEDSNEINVLTVLVNQDRENNIEKRSQ GLKSEKEALLIGIISTFLHVHPFGANIEYLWSYMQQLDSKISANEIEMLLMRLPRMFKQEFTGVGATLEK RWKLCFAFEGIKTT
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	73.2 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_060463](#)

**Locus ID:** 55068

**UniProt ID:** [Q8TC92](#)

**RefSeq Size:** 3047

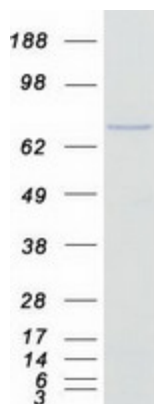
**Cytogenetics:** 13q14.11

**RefSeq ORF:** 1929

**Synonyms:** bA64J21.1; cCNOX; CNOX; PIG38

**Summary:** The protein encoded by this gene is involved in plasma membrane electron transport pathways. The encoded protein has both a hydroquinone (NADH) oxidase activity and a protein disulfide-thiol interchange activity. The two activities cycle with a periodicity of 24 minutes, with one activity being at its peak when the other is at its lowest. [provided by RefSeq, Dec 2016]

### Product images:



Coomassie blue staining of purified ENOX1 protein (Cat# [TP305232]). The protein was produced from HEK293T cells transfected with ENOX1 cDNA clone (Cat# [RC205232]) using MegaTran 2.0 (Cat# [TT210002]).