

## Product datasheet for TP305232

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ecto-NOX disulfide-thiol exchanger 1 (ENOX1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205232 protein sequence <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s)  MVDAGGVENITQLPQELPQMMAAADGLGSIAIDTTQLNMSVTDPTAWATAMNNLGMVPVGLPGQQL VSD SICVPGFDP SLNMMTGITPINPMIPGLGLVPPPPTEVAVVKEIIHCKSCTLFPQNP NLPPPSTRERPPG CKTVFVGGLPENATEEIIQEVFEQCGDITAIRKSKNFCHIRFAEEFMVDKAIYLSGYRMRLGSSTDKKD SGRLHVDFAQARDDFYEWCKQRM RAREERHRRKLEEDRLRPPSPPAIMHYSEHEAALLAEKLKDDSKFS EAITVLLSWIERGEVNR SANQFYSMVQSANS HVRLMNEKATHEQEMEEAKENFKNALTGILTQFEQIV AVFNASTRQKAWDHFSKAQRKNIDIWRKHSEELRNAQSEQLMGIRREEEMEMSDDENDCDSPTKKMRVD ES ALAAQAYALKEENDSLRWQLDAYRNEVELLKQEKEQLFRTEENLT KDQQLQFLQQT MQGMQQQLLTIQ EE LNNKKSELEQAKEEQSHTQALLKVLQEQLKGT KELVETNGHSHEDSNEINVLTVLVNQDRENNIEKRSQ GLKSEKEALLIGIISTFLHVHPFGANIEYLWSYMQQLDSKISANEIEMLLMRLPRMFKQEFTGVGATLEK RWKLCAFEGIKTT  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
Tag:	C-Myc/DDK
Predicted MW:	73.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.


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<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.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060463</a>
<b>Locus ID:</b>	55068
<b>UniProt ID:</b>	<a href="#">Q8TC92</a>
<b>RefSeq Size:</b>	3047
<b>Cytogenetics:</b>	13q14.11
<b>RefSeq ORF:</b>	1929
<b>Synonyms:</b>	bA64J21.1; cCNOX; CNOX; PIG38
<b>Summary:</b>	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]).