

## Product datasheet for TP324209L

### ENOX2 (NM\_006375) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ecto-NOX disulfide-thiol exchanger 2 (ENOX2), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224209 representing NM_006375 Red=Cloning site Green=Tags(s)

MTLPMSDPTAWATAMNNLGMAPLGIAGQPILPDFDPALGMMTGIPPITPMMPGLGIVPPPDPMPVKE  
IIHCKSCTLFPPNPPLPPATRERPPGCKTVFVGGLPENGTQIIVEVFEQCGEIIAIRKSKKNFCHIRF  
AEEYMVDKALYLSGYRIRLGSSTDKKDTRGLHVDFAQARDDLYEWECKQRMRLAREERHRRRMEEERLPP  
SPPPVHYSDHECSIVAEKLDKSKFSEAVQTLTWERGEVNRANSANNFYSMIQSANSVRRRLVNEKAA  
HEKDMEEAKEKFKQALSGILIQFEQIVAVYHSASKQKAWDHFTKAQRKNISVWCKQAEIIRNIHNDEL  
IRREEMEMSDDEIEEMTETKETEEESALVSQAEALKEENDSLRWQLDAYRNEVELLKQEQGKVVHREDDPN  
KEQQLKLLQALQGMQQHLLKVQEEYKKEAELEKLDKDKLQVEKMLENLKEKESCASRLCASNQDSEYP  
LEKTMNSSPIKSEREALLVGIISTFLHVHPFGASIEYICSYLHRLDNKICTSDVECLMGRLQHTFKQEMT  
GVGASLEKRWKFCGFEGFLKT

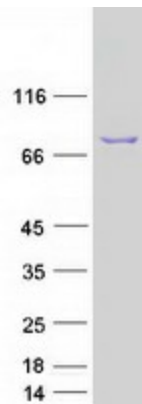
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	66.4 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.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<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_006366</a>
<b>Locus ID:</b>	10495
<b>UniProt ID:</b>	<a href="#">Q16206</a> , <a href="#">Q16206-2</a>
<b>RefSeq Size:</b>	4095
<b>Cytogenetics:</b>	Xq26.1
<b>RefSeq ORF:</b>	1743
<b>Synonyms:</b>	APK1; COVA1; tNOX
<b>Summary:</b>	This gene is a tumor-specific member of the ECTO-NOX family of genes that encode cell surface NADH oxidases. The encoded protein has two enzymatic activities: catalysis of hydroquinone or NADH oxidation, and protein disulfide interchange. The protein also displays prion-like properties. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
<b>Protein Families:</b>	Secreted Protein

**Product images:**

Coomassie blue staining of purified ENOX2 protein (Cat# [TP324209]). The protein was produced from HEK293T cells transfected with ENOX2 cDNA clone (Cat# [RC224209]) using MegaTran 2.0 (Cat# [TT210002]).