

## Product datasheet for TP324209

### 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
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224209 representing NM_006375 Red=Cloning site Green=Tags(s)

MTLPMSDPTAWATAMNNLGMAPLGIAGQPILPDFDPALGMMTGIPPITPMMPGLGIVPPPIPPDPMPVKE  
IIHCKSCTLFPPNPNLPPPATRERPPGCKTVFVGGLPENGTQIIVEVFEQCGEIIAIRKSKKNFCHIRF  
AEEYMVDKALYLSGYRIRLGSSTDKKDTGRLHVDFAQARDDLYEWECKQRMLAREERHRRRMEEERLPP  
SPPPVHYSDHECSIVAELKDDSKFSEAVQTLTWERGEVNRANSANNFYSMIQSANSVRRRLVNEKAA  
HEKDMEEAKEKFKQALSGILIQFEQIVAVYHSASKQKAWDHFTKAQRKNISVWCKQAEIIRNIHNDEL  
IRREEMEMSDDEIEEMTETKETEEESALVSQAEALKEENDSLRWQLDAYRNEVELLKQEQGVHREDDPN  
KEQQLKLLQQALQGMQQHLLKVQEEYKKEAELEKDKLQVEKMLENLKEKESCASRLCASNQDSEYP  
LEKTMNSSPIKSEREALLVGIISTFLHVHPFGASIEYICSYLHRLDNKICTSDVECLMGRLQHTFKQEMT  
GVGASLEKRWKFCGFEGKLKLT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	66.4 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_006366](#)

Locus ID: 10495

UniProt ID: [Q16206](#), [Q16206-2](#)

RefSeq Size: 4095

Cytogenetics: Xq26.1

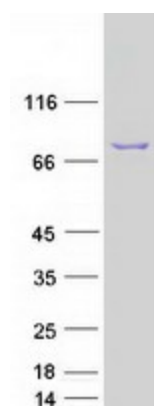
RefSeq ORF: 1743

Synonyms: APK1; COVA1; tNOX

**Summary:** 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]

**Protein Families:** 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]).