

## Product datasheet for PH324209

### ENOX2 (NM\_006375) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	ENOX2 MS Standard C13 and N15-labeled recombinant protein (NP_006366)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224209
Predicted MW:	66.4 kDa
Protein Sequence:	>RC224209 representing NM_006375 Red=Cloning site Green=Tags(s)

MTLPMSDPTAWATAMNNLGMAPLGIAGQPILPDFDPALGMMTGIPPITPMPGLGIVPPPDPMPVVE  
IIHCKSCTLFPPNPNLPPPATRERPPGCKTVFVGGLPENGTEQIIIVEVFEQCGEIIAIRKSKKNFCHIRF  
AEEYMVDKALYLSGYRIRLGSSTDKKDTGRLHVDFAQARDDL YEWCKQRMLAREERHRRRMEERLRPP  
SPPPVVHYSDECSIVAELKDDSKFSEAVQTLT TWIERGEVNRRSANNFYSMIQSANSVHRRVNEKAA  
HEKDMEEAKEKFKQALSGILIQFEQIVAVYHSASKQKAWDHFTKAQRKNISVWCKQAEERIRNIHNDEL  
IRREEMEMSDDEIEEMTETKETEESALVSQAEALKEENDSLRWQLDAYRNEVELLKQEQQKVHREDDPN  
KEQQLKLLQQALQGMQQHLLKVQEEYKKEAELEKLDKDKLQVEKMLENLKEKESCASRLCASNQDSEYP  
LEKTMNSSPIKSEREALLVGIISTFLHVHPFGASIEYICSYLHRLDNKICTSDVECLMGRLQHTFKQEMT  
GVGASLEKRWKFCGFEGKLKLT

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_006366</a>
RefSeq Size:	4095
RefSeq ORF:	1743



[View online »](#)

**Synonyms:** APK1; COVA1; tNOX

**Locus ID:** 10495

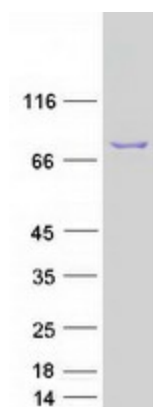
**UniProt ID:** [Q16206](#), [Q16206-2](#)

**Cytogenetics:** Xq26.1

**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]).