

Recombinant Human ENOX2, MYC/DDK-tagged

Cat. No. ENOX2-106H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ENOX2, transcript variant 1, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	66.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	ENOX2 ecto-NOX disulfide-thiol exchanger 2 [Homo sapiens (human)]
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Official Symbol	ENOX2
Synonyms	ENOX2; ecto-NOX disulfide-thiol exchanger 2; APK1; tNOX; COVA1; ecto-NOX disulfide-thiol exchanger 2; APK1 antigen; cytosolic ovarian carcinoma antigen 1; tumor-associated hydroquinone oxidase
Gene ID	10495
mRNA Refseq	NM_006375
Protein Refseq	NP_006366
MIM	300282
UniProt ID	Q16206
Chromosome Location	Xq25
Function	nucleic acid binding; nucleotide binding; protein disulfide oxidoreductase activity

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