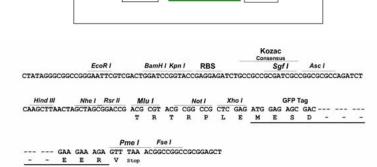


Product datasheet for RG217668

ENOX2 (NM_182314) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ENOX2 (NM_182314) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ENOX2
Synonyms:	APK1; COVA1; tNOX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling:



ORF

Mlul

ACG CGT

Sgfl

CGATCGC

 ACCN:
 NM_182314

 ORF Size:
 1830 bp

https://www.origene.com

techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc.

Rockville, MD 20850, US Phone: +1-888-267-4436

9620 Medical Center Drive, Ste 200



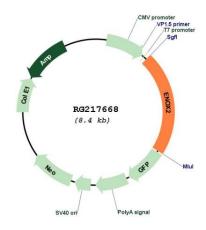
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Sevent Se	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 182314.3</u>
RefSeq Size:	4184 bp
RefSeq ORF:	1833 bp
Locus ID:	10495
UniProt ID:	<u>Q16206</u>
Cytogenetics:	Xq26.1
Protein Families:	Secreted Protein
Gene 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]

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Product images:



Circular map for RG217668

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