Human ETS2 Gene ORF cDNA clone expression plasmid



Catalog Number: HG17994-UT

General Information		Shipping carrier :
Gene :	v-ets avian erythroblastosis virus E26 oncogene homolog 2	Each tube contains approximately 10 µg of lyophilized plasmid. Storage :
Official Symbol :	ETS2	The lyophilized plasmid can be stored at ambient temperature for
Synonym :	ETS2	three months. Plasmid Resuspension protocol
Source :	Human	
cDNA Size:	1410bp	1. Centrifuge at $5,000 \times g$ for 5 min.
RefSeq :	NM_005239.5	2. Carefully open the tube and add 100 μ l of sterile water to
Plasmid:	pCMV3-ETS2	dissolve the DNA.
Description Lot : Please refer to the label on the tube		3. Close the tube and incubate for 10 minutes at room
		temperature.
Sequence Description :		4. Briefly vortex the tube and then do a quick spin to concentrate
Identical with the Gene Bank Ref. ID sequence.		the liquid at the bottom. Speed is less than $5000 \times g$.
Restriction site:	Kpnl + Xbal(6.1kb+1.41kb)	5. Store the plasmid at -20 $^{\circ}$ C.
Vector :	pCMV3-untagged	
Quality control :		
The plasmid is confirmed by full-length sequencing with primers in the sequencing primer list.		The plasmid is ready for:
Sequencing primer list :		Restriction enzyme digestion
		PCR amplification
•	5' CAGGTGTCCACTCCCAGGTCCAAG 3'	 <i>E. coli</i> transformation DNA sequencing
pcDNA3-R :	5' GGCAACTAGAAGGCACAGTCGAGG 3'	
Or		Drawooquonoing

ReverseBGH : 5' TAGAAGGCACAGTCGAGG 3'

5' TAATACGACTCACTATAGGG 3'

pCMV3-F and pcDNA3-R are designed by Sino Biological Inc. Customers can order the primer pair from any oligonucleotide supplier.

Forward T7 :

Most commercially available competent cells are appropriate for the plasmid, e.g. TOP10, DH5 α and TOP10F['].

E.coli strains for transformation (recommended

but not limited)

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Vector Information

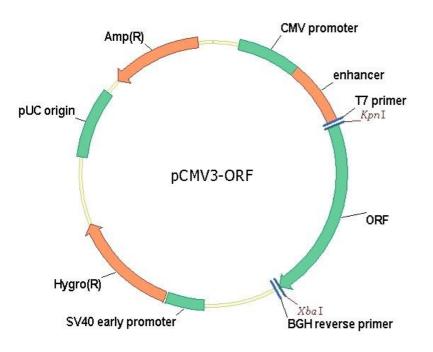
All of the pCMV vectors are designed for high-level stable and transient expression in mammalian hosts. High-level stable and non-replicative transient expression can be carried out in most mammalian cells. The vectors contain the following elements:

•Human enhanced cytomegalovirus immediate-early (CMV) promoter for high-level expression in a wide range of mammalian cells.

• Hygromycin resistance gene for selection of mammalian cell lines.

• A Kozak consensus sequence to enhance mammalian expression.

Physical Map of Plasmid :



Vector Name	pCMV3-untagged
Vector Size	6223bp
Vector Type	Mammalian Expression Vector
Expression Method	Constitutive, Stable / Transient
Promoter	CMV
Antibiotic Resistance	Ampicillin
Selection In Mammalian Cells	Hygromycin
Protein Tag	None