Human DSCR3 Gene ORF cDNA clone expression plasmid, C-HA tag



Catalog Number: HG16891-CY

General Information		Shipping carrier :
Gene :	Down syndrome critical region 3	Each tube contains approximately 10 μ g of lyophilized plasmid.
		Storage :
Official Symbol :	DSCR3	The lyophilized plasmid can be stored at ambient temperature for
Synonym :	DCRA; DSCRA	three months.
Source :	Human	
cDNA Size:	936bp	Plasmid Resuspension protocol
RefSeq :	NM_006052.1	1. Centrifuge at 5,000 $ imes$ g for 5 min.
Plasmid:	pCMV3-DSCR3-HA	2. Carefully open the tube and add 100 μl of sterile water to
Description		dissolve the DNA.
Lot : Please refer to the label on the tube		3. Close the tube and incubate for 10 minutes at room
Sequence Description :		temperature.
Identical with the Gene Bank Ref. ID sequence.		4. Briefly vortex the tube and then do a quick spin to concentrate
Restriction site:	Kpnl + Xbal(6kb+0.94kb)	the liquid at the bottom. Speed is less than 5000 $ imes$ g.
Vector :	pCMV3-C-HA	5. Store the plasmid at -20 °C.
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
pCMV3-F:	5' CAGGTGTCCACTCCCAGGTCCAAG 3'	PCR amplification

polvivo-r:	5 CAGGIGICCACICCCAGGICCAAG 3
pcDNA3-R :	5' GGCAACTAGAAGGCACAGTCGAGG 3'
Or	
Forward T7 :	5' TAATACGACTCACTATAGGG 3'
ReverseBGH :	5' TAGAAGGCACAGTCGAGG 3'

pCMV3-F and pcDNA3-R are designed by Sino Biological Inc. Customers can order the primer pair from any oligonucleotide supplier. Most commercially available competent cells are appropriate for

E.coli strains for transformation (recommended

the plasmid, e.g. TOP10, DH5 α and TOP10F $\dot{}$.

• E. coli transformation

DNA sequencing

but not limited)

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Vector Information

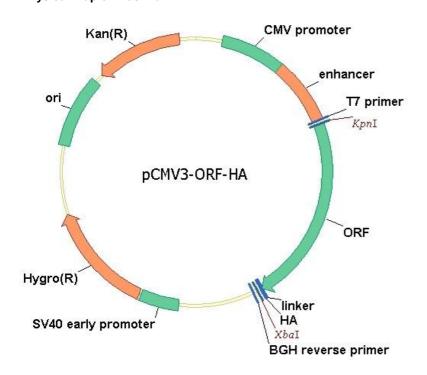
All of the pCMV vectors are designed for high-level stable and transient expression in mammalian hosts. High-level stable and non-replicative transient expression can be carried out in most mammalian cells. The vectors contain the following elements:

•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-C-HA
Vector Size	6161bp
Vector Type	Mammalian Expression Vector
Expression Method	Constitutive, Stable / Transient
Promoter	CMV
Antibiotic Resistance	Kanamycin
Selection In Mammalian Cells	Hygromycin
Protein Tag	HA