

## H-Ras G12V 2XMYC-tagged(N-terminus)

<b>CloneID</b>	RASH00MNC0	<b>Species</b>	human
<b>Gene Class</b>	Ras family small GTP binding	<b>IMAGE clone #</b>	
<b>Date</b>	5/26/2003	<b>IMAGE acc. #</b>	
<b>Lot</b>	01	<b>Origin</b>	cDNA
<b>Bacteria</b>	TOP10 f'	<b>Tag</b>	2XMYC
<b>Vector</b>	pcDNA3.1+	<b>Tag location</b>	N-terminus
<b>Antibiotic</b>	Ampicillin	<b>Mutation</b>	G12V
<b>Promoter</b>	CMV	<b>Phenotype</b>	constitutively active
<b>Insert size</b>	670	<b>Method</b>	Quickchange
<b>5'RE</b>	KpnI	<b>Sequenced</b>	Full length
<b>3'RE</b>	XhoI	<b>GB Acc. No.</b>	NM_005343
<b>Keywords</b>	Ras family small GTP binding protein constitutively active 2XMYC epitope tagged (N-terminus)		

## References

**Notes** N-terminal 2XMYC-tagged human Ras family small GTP binding protein H-Ras G12V (constitutively active) cloned into pcDNA3.1+ (Invitrogen) at KpnI (5') and XhoI (3'). The G12V mutation was introduced into the Ras family small GTP binding protein H-Ras (RASH000000) via the Quickchange mutagenesis kit (Stratagene). The mutation confers a constitutively active phenotype. Insert size = 670 bp.

## Map

