

Product datasheet for **RC208794L4V**

Nac1 (NACC1) (NM_052876) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Nac1 (NACC1) (NM_052876) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Nac1
Synonyms:	BEND8; BTBD14B; BTBD30; NAC-1; NAC1; NECFM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_052876
ORF Size:	1581 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208794).
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. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_052876.3
RefSeq Size:	4518 bp
RefSeq ORF:	1584 bp
Locus ID:	112939
UniProt ID:	Q96RE7
Cytogenetics:	19p13.13
Protein Families:	ES Cell Differentiation/IPS, Stem cell - Pluripotency
MW:	57.3 kDa



[View online »](#)

Gene Summary:

This gene encodes a member of the BTB/POZ protein family. BTB/POZ proteins are involved in several cellular processes including proliferation, apoptosis and transcription regulation. The encoded protein is a transcriptional repressor that plays a role in stem cell self-renewal and pluripotency maintenance. The encoded protein also suppresses transcription of the candidate tumor suppressor Gadd45GIP1, and expression of this gene may play a role in the progression of multiple types of cancer. A pseudogene of this gene is located on the short arm of chromosome 9. [provided by RefSeq, Feb 2012]