

Product datasheet for **RC203827L4V**

ACCN4 (ASIC4) (NM_182847) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ACCN4 (ASIC4) (NM_182847) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ACCN4
Synonyms:	ACCN4; BNAC4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182847
ORF Size:	1941 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203827).
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_182847.1 , NP_878267.1
RefSeq Size:	2857 bp
RefSeq ORF:	1563 bp
Locus ID:	55515
UniProt ID:	Q96FT7
Cytogenetics:	2q35
Protein Families:	Druggable Genome, Ion Channels: Other
MW:	70 kDa



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Gene Summary:

This gene belongs to the superfamily of acid-sensing ion channels, which are proton-gated, amiloride-sensitive sodium channels. These channels have been implicated in synaptic transmission, pain perception as well as mechanoperception. This gene is predominantly expressed in the pituitary gland, and was considered a candidate for paroxysmal dystonic choreoathetosis (PDC), a movement disorder, however, no correlation was found between mutations in this gene and PDC. [provided by RefSeq, Feb 2012]