

Product datasheet for RC227648L3

CNG1 (CNCA1) (NM_001142564) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CNG1 (CNCA1) (NM_001142564) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	CNG1
Synonyms:	CNCG; CNCG1; CNG-1; CNG1; RCNC1; RCNCa; RCNCalpha; RP49
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227648).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.



[View online »](#)

UniProt ID:	P29973
Cytogenetics:	4p12
Protein Families:	Druggable Genome, Ion Channels: Cyclic nucleotide gated, Transmembrane
MW:	86.7 kDa
Gene Summary:	The protein encoded by this gene is involved in phototransduction. Along with another protein, the encoded protein forms a cGMP-gated cation channel in the plasma membrane, allowing depolarization of rod photoreceptors. This represents the last step in the phototransduction pathway. Defects in this gene are a cause of retinitis pigmentosa autosomal recessive (ARRP) disease. Multiple transcript variants have been found for this gene. [provided by RefSeq, Oct 2019]