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Product datasheet for RC206553L1V

Aquaporin 2 (AQP2) (NM_000486) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aquaporin 2 (AQP2) (NM_000486) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Aquaporin 2
Synonyms:	AQP-CD; NDI2; WCH-CD
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_000486
ORF Size:	813 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206553).
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_000486.3
RefSeq Size:	4222 bp
RefSeq ORF:	816 bp
Locus ID:	359
UniProt ID:	P41181
Cytogenetics:	12q13.12
Protein Families:	Druggable Genome, Transmembrane
MW:	28.7 kDa

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Gene Summary: This gene encodes a water channel protein located in the kidney collecting tubule. It belongs to the MIP/aquaporin family, some members of which are clustered together on chromosome 12q13. Mutations in this gene have been linked to autosomal dominant and recessive forms of nephrogenic diabetes insipidus. [provided by RefSeq, Oct 2008]