

Product datasheet for RC222623L1

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ANKHD1 (NM_024668) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ANKHD1 (NM_024668) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: ANKHD1

Synonyms: MASK; MASK1; PP2500; VBARP

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC222623).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_024668

ORF Size: 1881 bp





ANKHD1 (NM_024668) Human Tagged Lenti ORF Clone - RC222623L1

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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 024668.2</u>

RefSeq Size: 2194 bp
RefSeq ORF: 1884 bp
Locus ID: 54882
UniProt ID: Q8IWZ3
Cytogenetics: 5q31.3

Domains: ANK

MW: 64.9 kDa

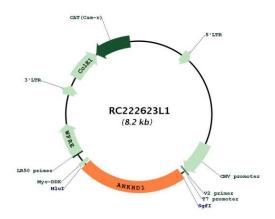
Gene Summary: This gene encodes a protein with multiple ankyrin repeat domains and a single KH-domain.

The protein is thought to function as a scaffolding protein, and it may be involved in the regulation of caspases and thereby play an antiapoptotic role in cell survival. Alternative splicing results in multiple transcript variants, one of which generates a fusion transcript (MASK-BP3) with the downstream eIF4E-binding protein 3 (EIF4EBP3) gene, resulting in a protein comprised of the ANKHD1 sequence for the majority of the protein and a different C-terminus due to an alternate reading frame for the EIF4EBP3 segments. [provided by RefSeq,

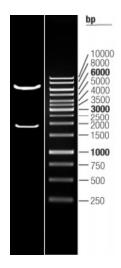
Sep 2010]



Product images:



Circular map for RC222623L1



Double digestion of RC222623L1 using Sgfl and Mlul $\,$