

Product datasheet for RC205721L3V

OriGene Technologies, Inc.

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ZNF259 (ZPR1) (NM_003904) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ZNF259 (ZPR1) (NM_003904) Human Tagged ORF Clone Lentiviral Particle

Symbol: ZNF259

Synonyms: GKAF; ZNF259

Mammalian Cell

Puromycin

Selection:

Vector:

ACCN:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

NM 003904

Tag: Myc-DDK

ORF Size: 1377 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC205721).

Sequence:
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: <u>NM 003904.3</u>

RefSeq Size: 1810 bp
RefSeq ORF: 1380 bp
Locus ID: 8882

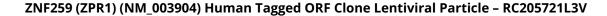
UniProt ID: 075312

Cytogenetics: 11q23.3

Domains: Zpr1

MW: 50.9 kDa







Gene Summary:

The protein encoded by this gene is found in the cytoplasm of quiescent cells but translocates to the nucleolus in proliferating cells. The encoded protein interacts with survival motor neuron protein (SMN1) to enhance pre-mRNA splicing and to induce neuronal differentiation and axonal growth. Defects in this gene or the SMN1 gene can cause spinal muscular atrophy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]