

Product datasheet for RC209491L4V

OriGene Technologies, Inc.

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ANKRD32 (SLF1) (NM 032290) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ANKRD32 (SLF1) (NM_032290) Human Tagged ORF Clone Lentiviral Particle

Symbol: ANKRD32

Synonyms: ANKRD32; BRCTD1; BRCTx

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_032290 **ORF Size:** 1266 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC209491).

Sequence:
OTI Disclaimer:

MW:

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

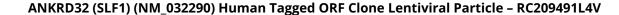
varies depending on the nature of the gene.

RefSeg: NM 032290.2, NP 115666.1

47.1 kDa

RefSeq Size: 3813 bp
RefSeq ORF: 3177 bp
Locus ID: 84250
UniProt ID: Q9BQI6
Cytogenetics: 5q15







Gene Summary:

Plays a role in the DNA damage response (DDR) pathway by regulating postreplication repair of UV-damaged DNA and genomic stability maintenance (PubMed:25931565). The SLF1-SLF2 complex acts to link RAD18 with the SMC5-SMC6 complex at replication-coupled interstrand cross-links (ICL) and DNA double-strand breaks (DSBs) sites on chromatin during DNA repair in response to stalled replication forks (PubMed:25931565). Promotes the recruitment of SLF2 and the SMC5-SMC6 complex to DNA lesions (PubMed:25931565). [UniProtKB/Swiss-Prot Function]