

Product datasheet for **RC216758L3V**

NAIP (NM_004536) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | NAIP (NM_004536) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | NAIP |
| Synonyms: | BIRC1; NLRB1; psiNAIP |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_004536 |
| ORF Size: | 4209 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC216758). |
| 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_004536.1 |
| RefSeq Size: | 6133 bp |
| RefSeq ORF: | 4212 bp |
| Locus ID: | 4671 |
| UniProt ID: | Q13075 |
| Cytogenetics: | 5q13.2 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | NOD-like receptor signaling pathway |



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MW: 159.4 kDa

Gene Summary: This gene is part of a 500 kb inverted duplication on chromosome 5q13. This duplicated region contains at least four genes and repetitive elements which make it prone to rearrangements and deletions. The repetitiveness and complexity of the sequence have also caused difficulty in determining the organization of this genomic region. This copy of the gene is full length; additional copies with truncations and internal deletions are also present in this region of chromosome 5q13. It is thought that this gene is a modifier of spinal muscular atrophy caused by mutations in a neighboring gene, SMN1. The protein encoded by this gene contains regions of homology to two baculovirus inhibitor of apoptosis proteins, and it is able to suppress apoptosis induced by various signals. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Nov 2016]