

Product datasheet for **RC204271L4V**

ADAT3 (NM_138422) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | ADAT3 (NM_138422) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ADAT3 |
| Synonyms: | FWP005; MRT36; MST121; MSTP121; S863-5; TAD3 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_138422 |
| ORF Size: | 1053 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC204271). |
| 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_138422.1 , NP_612431.1 |
| RefSeq Size: | 1597 bp |
| RefSeq ORF: | 1104 bp |
| Locus ID: | 113179 |
| UniProt ID: | Q96EY9 |
| Cytogenetics: | 19p13.3 |
| Domains: | dCMP_cyt_deam |
| MW: | 37.9 kDa |



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Gene Summary:

This gene encodes a subunit of a tRNA-specific adenosine deaminase. This heterodimeric enzyme converts adenosine to inosine in the tRNA anticodon. A mutation in this gene causes a syndrome characterized by intellectual disability and strabismus. This gene shares its 5' exon with the overlapping gene, secretory carrier membrane protein 4 (Gene ID: 113178). [provided by RefSeq, Jul 2016]