

Product datasheet for **MR220028L3V**

Tnfaip8l3 (NM_001033535) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Tnfaip8l3 (NM_001033535) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Tnfaip8l3 |
| Synonyms: | 9930029P06Rik; Gm517 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001033535 |
| ORF Size: | 612 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR220028). |
| 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_001033535.3 , NP_001028707.1 |
| RefSeq Size: | 2225 bp |
| RefSeq ORF: | 615 bp |
| Locus ID: | 244882 |
| UniProt ID: | Q3TBL6 |
| Cytogenetics: | 9 A5.3 |



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Gene Summary:

Acts as a lipid transfer protein. Preferentially captures and shuttles two lipid second messengers, i.e., phosphatidylinositol 4,5- biphosphate and phosphatidylinositol 3,4,5- trisphosphate and increases their levels in the plasma membrane. Additionally, may also function as a lipid-presenting protein to enhance the activity of the PI3K-AKT and MEK-ERK pathways. May act as a regulator of tumorigenesis through its activation of phospholipid signaling.[UniProtKB/Swiss-Prot Function]