

Product datasheet for **RC202741L3V**

TGF alpha (TGFA) (NM_003236) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | TGF alpha (TGFA) (NM_003236) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | TGF alpha |
| Synonyms: | TFGA |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_003236 |
| ORF Size: | 477 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202741). |
| 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_003236.1 |
| RefSeq Size: | 4326 bp |
| RefSeq ORF: | 483 bp |
| Locus ID: | 7039 |
| UniProt ID: | P01135 |
| Cytogenetics: | 2p13.3 |
| Protein Families: | Druggable Genome, Secreted Protein, Transmembrane |



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| Protein Pathways: | ErbB signaling pathway, Glioma, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Prostate cancer, Renal cell carcinoma |
| MW: | 16.9 kDa |
| Gene Summary: | This gene encodes a growth factor that is a ligand for the epidermal growth factor receptor, which activates a signaling pathway for cell proliferation, differentiation and development. This protein may act as either a transmembrane-bound ligand or a soluble ligand. This gene has been associated with many types of cancers, and it may also be involved in some cases of cleft lip/palate. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011] |