

Product datasheet for **RC207922L4V**

Pentraxin 3 (PTX3) (NM_002852) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Pentraxin 3 (PTX3) (NM_002852) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Pentraxin 3 |
| Synonyms: | TNFAIP5; TSG-14 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_002852 |
| ORF Size: | 1143 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC207922). |
| 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_002852.2 , NP_002843.1 |
| RefSeq Size: | 1908 bp |
| RefSeq ORF: | 1146 bp |
| Locus ID: | 5806 |
| UniProt ID: | P26022 |
| Cytogenetics: | 3q25.32 |
| Domains: | PTX, LamGL |
| Protein Families: | Secreted Protein |


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MW: 41.8 kDa

Gene Summary: This gene encodes a member of the pentraxin protein family. The expression of this protein is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial cells and mononuclear phagocytes. The protein promotes fibrocyte differentiation and is involved in regulating inflammation and complement activation. It also plays a role in angiogenesis and tissue remodeling. The protein serves as a biomarker for several inflammatory conditions. [provided by RefSeq, Jun 2016]