

Product datasheet for **RC202523L2V**

Follistatin (FST) (NM_013409) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type: | Lentiviral Particles |
| Product Name: | Follistatin (FST) (NM_013409) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Follistatin |
| Synonyms: | FS |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_013409 |
| ORF Size: | 1032 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC202523). |
| 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_013409.1 |
| RefSeq Size: | 1834 bp |
| RefSeq ORF: | 1035 bp |
| Locus ID: | 10468 |
| UniProt ID: | P19883 |
| Cytogenetics: | 5q11.2 |
| Protein Families: | Druggable Genome, Secreted Protein |
| Protein Pathways: | TGF-beta signaling pathway |



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MW: 38 kDa

Gene Summary: Follistatin is a single-chain gonadal protein that specifically inhibits follicle-stimulating hormone release. The single FST gene encodes two isoforms, FST317 and FST344 containing 317 and 344 amino acids respectively, resulting from alternative splicing of the precursor mRNA. In a study in which 37 candidate genes were tested for linkage and association with polycystic ovary syndrome (PCOS) or hyperandrogenemia in 150 families, evidence was found for linkage between PCOS and follistatin. [provided by RefSeq, Jul 2008]