

Product datasheet for **RC204213L3V**

Syntaxin 5A (STX5) (NM_003164) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Syntaxin 5A (STX5) (NM_003164) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Syntaxin 5A |
| Synonyms: | SED5; STX5A |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_003164 |
| ORF Size: | 1065 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC204213). |
| 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_003164.3 |
| RefSeq Size: | 1834 bp |
| RefSeq ORF: | 1068 bp |
| Locus ID: | 6811 |
| UniProt ID: | Q13190 |
| Cytogenetics: | 11q12.3 |
| Domains: | t_SNARE, SynN |
| Protein Families: | Druggable Genome, Transmembrane |



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Protein Pathways: SNARE interactions in vesicular transport

MW: 39.7 kDa

Gene Summary: This gene encodes a member of the syntaxin or t-SNARE (target-SNAP receptor) family. These proteins are found on cell membranes and serve as the targets for v-SNAREs (vesicle-SNAP receptors), permitting specific synaptic vesicle docking and fusion. The encoded protein regulates endoplasmic reticulum to Golgi transport and plays a critical role in autophagy. Autoantibodies targeting the encoded protein may be a diagnostic marker for endometriosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2011]