

Product datasheet for **MR215651L3V**

Stxbp5 (NM_001081344) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Stxbp5 (NM_001081344) Mouse Tagged ORF Clone Lentiviral Particle |
| Symbol: | Stxbp5 |
| Synonyms: | 0710001E20Rik; 4930565N16Rik; AW742610; LGL3; mKIAA1006 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001081344 |
| ORF Size: | 3348 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(MR215651). |
| 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_001081344.2 , NP_001074813.2 |
| RefSeq Size: | 9074 bp |
| RefSeq ORF: | 3351 bp |
| Locus ID: | 78808 |
| Cytogenetics: | 10 A1 |



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Gene Summary:

Plays a regulatory role in calcium-dependent exocytosis and neurotransmitter release (By similarity). Inhibits membrane fusion between transport vesicles and the plasma membrane. May modulate the assembly of trans-SNARE complexes between transport vesicles and the plasma membrane. Competes with STXBP1 for STX1 binding. Inhibits translocation of GLUT4 from intracellular vesicles to the plasma membrane.[UniProtKB/Swiss-Prot Function]