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# Product datasheet for RC211241L3V

## SPC24 (NM_182513) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | SPC24 (NM_182513) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | SPC24 |
| **Synonyms:** | SPBC24 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| **Tag:** | Myc-DDK |
| **ACCN:** | NM_182513 |
| **ORF Size:** | 591 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC211241). |
| **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_182513.1, NP_872319.1 |
| **RefSeq Size:** | 654 bp |
| **RefSeq ORF:** | 594 bp |
| **Locus ID:** | 147841 |
| **UniProt ID:** | Q8NBT2 |
| **Cytogenetics:** | 19p13.2 |
| **Protein Families:** | Druggable Genome |
| **MW:** | 22.4 kDa |

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**Gene Summary:** Acts as a component of the essential kinetochore-associated NDC80 complex, which is required for chromosome segregation and spindle checkpoint activity (PubMed:14738735). Required for kinetochore integrity and the organization of stable microtubule binding sites in the outer plate of the kinetochore (PubMed:14738735). The NDC80 complex synergistically enhances the affinity of the SKA1 complex for microtubules and may allow the NDC80 complex to track depolymerizing microtubules (PubMed:23085020).[UniProtKB/Swiss-Prot Function]