

Product datasheet for MR202684L3V

Stk16 (BC005703) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

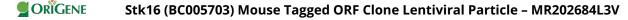
Product Type: Lentiviral Particles Product Name: Stk16 (BC005703) Mouse Tagged ORF Clone Lentiviral Particle Symbol: Stk16 Krct, EDPK, PKL12 Synonyms: **Mammalian Cell** Puromycin Selection: pLenti-C-Myc-DDK-P2A-Puro (PS100092) Vector: Tag: Myc-DDK ACCN: BC005703 ORF Size: 681 bp The ORF insert of this clone is exactly the same as(MR202684). **ORF** Nucleotide Sequence: **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:** BC005703.1 **RefSeq Size:** 1516 bp **RefSeq ORF:** 683 bp Locus ID: 20872 Cytogenetics: 1 C4



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn



Gene Summary:Membrane-associated protein kinase that phosphorylates on serine and threonine residues.
In vitro substrates include DRG1, ENO1 and EIF4EBP1. Also autophosphorylates (By
similarity). May be involved in secretory vesicle trafficking or intracellular signaling. May have
a role in regulating stromal-epithelial interactions that occur during ductal morphogenesis in
the mammary gland. May be involved in TGF-beta signaling. Able to autophosphorylate on
Tyr residue; it is however unclear whether it has tyrosine-protein kinase toward other
proteins.[UniProtKB/Swiss-Prot Function]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2022 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US