

Product datasheet for RC203605L4V

OriGene Technologies, Inc.

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HSPC302 (TBCK) (NM_033115) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: HSPC302 (TBCK) (NM 033115) Human Tagged ORF Clone Lentiviral Particle

Symbol: HSPC302

Synonyms: HSPC302; IHPRF3; TBCKL

Mammalian Cell

Selection:

Puromycin

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_033115 **ORF Size:** 2490 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC203605).

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.

RefSeg: NM 033115.2, NP 149106.2

 RefSeq Size:
 3325 bp

 RefSeq ORF:
 2493 bp

 Locus ID:
 93627

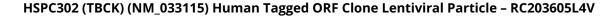
 UniProt ID:
 Q8TEA7

 Cytogenetics:
 4q24

Domains: TBC, pkinase, RHOD, S_TKc

Protein Families: Druggable Genome, Protein Kinase





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MW: 93.5 kDa

Gene Summary: This gene encodes a protein that contains a protein kinase domain, a Rhodanase-like domain

and the Tre-2/Bub2/Cdc16 (TBC) domain. The encoded protein is thought to play a role in actin organization, cell growth and cell proliferation by regulating the mammalian target of

the rapamycin (mTOR) signaling pathway. This protein may also be involved in the transcriptional regulation of the components of the mTOR complex. Alternative splicing

results in multiple transcript variants. [provided by RefSeq, Mar 2014]