

## Product datasheet for RC212607L2V

## OriGene Technologies, Inc.

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## MST4 (STK26) (NM\_016542) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: MST4 (STK26) (NM\_016542) Human Tagged ORF Clone Lentiviral Particle

Symbol: MST4

Synonyms: MASK; MST4

Mammalian Cell

Selection:

None

**Vector:** pLenti-C-mGFP (PS100071)

Tag: mGFP

**ACCN:** NM\_016542 **ORF Size:** 1248 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC212607).

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 016542.2

 RefSeq Size:
 3352 bp

 RefSeq ORF:
 1251 bp

 Locus ID:
 51765

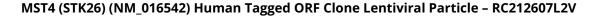
 UniProt ID:
 Q9P289

 Cytogenetics:
 Xq26.2

**Domains:** pkinase, TyrKc, S\_TKc

**Protein Families:** Druggable Genome, Protein Kinase





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**MW:** 46.5 kDa

**Gene Summary:** 

The product of this gene is a member of the GCK group III family of kinases, which are a subset of the Ste20-like kinases. The encoded protein contains an amino-terminal kinase domain, and a carboxy-terminal regulatory domain that mediates homodimerization. The protein kinase localizes to the Golgi apparatus and is specifically activated by binding to the Golgi matrix protein GM130. It is also cleaved by caspase-3 in vitro, and may function in the apoptotic pathway. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]