

Product datasheet for **MR215366L4V**

Stpg4 (NM_029298) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Symbol: Stpg4

Synonyms: I700011E24Rik; GSE

Mammalian Cell Selection: Puromycin

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

Tag: mGFP

ACCN: NM_029298

ORF Size: 741 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as(MR215366).

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_029298.1](#), [NP_083574.1](#)

RefSeq Size: 847 bp

RefSeq ORF: 744 bp

Locus ID: 75467

UniProt ID: [Q9DAG5](#)

Cytogenetics: 17 E4



Gene Summary:

Maternal factor that plays a role in epigenetic chromatin reprogramming during early development of the zygote (PubMed:23560077). Involved in the regulation of gametic DNA demethylation by inducing the conversion of the modified genomic base 5-methylcytosine (5mC) into 5-hydroxymethylcytosine (5hmC) (PubMed:23560077).[UniProtKB/Swiss-Prot Function]