

Product datasheet for **MR220805L4V**

Stk10 (NM_009288) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Stk10 (NM_009288) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Stk10
Synonyms:	Gek1; L; Lok; mKIAA4026
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009288
ORF Size:	2901 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220805).
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_009288.2 , NP_033314.2
RefSeq Size:	5082 bp
RefSeq ORF:	2901 bp
Locus ID:	20868
UniProt ID:	O55098
Cytogenetics:	11 A4



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Gene Summary:

This gene encodes a member of the Ste20 family of serine/threonine protein kinases, and is similar to several known polo-like kinase kinases. Mice deficient for this gene product are viable, but exhibit altered integrin-mediated lymphocyte adhesion characteristics. The orthologous gene product in humans can associate with and phosphorylate polo-like kinase 1, and overexpression of a kinase-dead version of the protein interferes with normal cell cycle progression. [provided by RefSeq, Jul 2008]