

Product datasheet for **MR217768L4V**

Ksr1 (NM_013571) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ksr1 (NM_013571) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ksr1
Synonyms:	AW492498; B-KSR1; D11Bhm183e; D11Bhm184e; hb; Ksr; mKSR1; RSU2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013571
ORF Size:	2619 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217768).
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_013571.2
RefSeq Size:	4087 bp
RefSeq ORF:	2622 bp
Locus ID:	16706
UniProt ID:	Q61097
Cytogenetics:	11 46.74 cM



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Gene Summary:

Scaffolding protein that is part of a multiprotein signaling complex. Promotes phosphorylation of Raf family members and activation of downstream MAP kinases (PubMed:10409742, PubMed:12932319, PubMed:21102438). Promotes activation of MAPK1 and/or MAPK3, both in response to EGF and to cAMP (PubMed:21102438). Does not have kinase activity by itself (Probable).[UniProtKB/Swiss-Prot Function]