

Product datasheet for **MR209435L3V**

Ssx2ip (NM_138744) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Ssx2ip (NM_138744) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Ssx2ip
Synonyms:	Adip; AU014939; AU042321
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_138744
ORF Size:	1848 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209435).
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_138744.2
RefSeq Size:	3454 bp
RefSeq ORF:	1848 bp
Locus ID:	99167
UniProt ID:	Q8VC66
Cytogenetics:	3 H2



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Gene Summary:

Belongs to an adhesion system, which plays a role in the organization of homotypic, interneuronal and heterotypic cell-cell adherens junctions (AJs). May connect the nectin-afadin and E-cadherin-catenin system through alpha-actinin and may be involved in organization of the actin cytoskeleton at AJs through afadin and alpha-actinin (PubMed:12446711). Acts as a centrosome maturation factor, probably by maintaining the integrity of the pericentriolar material and proper microtubule nucleation at mitotic spindle poles. The function seems to implicate at least in part WRAP73; the SSX2IP:WRAP73 complex is proposed to act as regulator of spindle anchoring at the mitotic centrosome (By similarity). Involved in cell movement: localizes at the leading edge of moving cells in response to PDGF and is required for the formation of the leading edge and the promotion of cell movement, possibly via activation of Rac signaling (PubMed:22027834). Involved in ciliogenesis (By similarity). It is required for targeted recruitment of the BBSome, CEP290, RAB8, and SSTR3 to the cilia (By similarity).[UniProtKB/Swiss-Prot Function]