

Product datasheet for MR224389

Slk (NM_001164639) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slk (NM_001164639) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slk
Synonyms:	9A2; AV021402; AW411554; Etk4; mKIAA0204; mSLK; SMAK; Stk2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR224389 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTTCTTCAATTTCCGTAAGATCTTCAAGTTGGGGAGCGAGAAGAAGAAGAAACAGTACGAACACG
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Protein Sequence: >MR224389 protein sequence
Red=Cloning site Green=Tags(s)

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MSFFNFRKIFKLGSEKKKKQYEHVKRDLNPEEFWEIIGELGDGAFGKVYKAQNKETNVLAAAKVIDTKSE
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EALNYLHDNKIIHRDLKAGNILFLDGDIKLADFGVSAKNTRTIQRDSF IGTPYWMapevVMCETSKDR
PYDYKADVWSLGITLIEMAEIEPPHHELNPmrvLLKIAKSEPPTLAQPSKWSSNFKDFLRKCLEKNVDAR
WTTSQLQHFPFVTVDSNKPVRELI AEAKAEVTEEVEDGKEE EEEEEAEENALPIPANKRASSDL SIASSEE
DKLSQNA CILESVSERTEQSTSEDKFSNKILNEKPTTDGPEKAVDEHASDVNLETGAELNDQTVGIHENG
REKKRPKLENLPDTQDQQTVDVNSVSEENENNRVTLETNTDCLKPEEDRNKENQETLESKLIQSEEINDT
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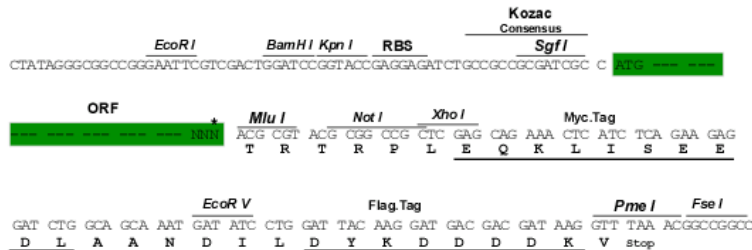
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



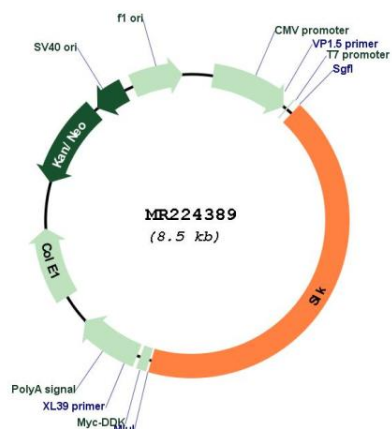
* The last codon before the Stop codon of the ORF

ACCN: NM_001164639

ORF Size: 3609 bp

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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001164639.1 , NP_001158111.1
RefSeq Size:	6954 bp
RefSeq ORF:	3609 bp
Locus ID:	20874
UniProt ID:	O54988
Cytogenetics:	19 C3- D1
MW:	137.7 kDa
Gene Summary:	Mediates apoptosis and actin stress fiber dissolution.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR224389