

Product datasheet for MR229562

Sh3glb2 (NM_001289710) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sh3glb2 (NM_001289710) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sh3glb2
Synonyms:	SPAS-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>MR229562 representing NM_001289710 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGACTTCAACATGAAGAAGCTGGCGTCGGACGCGGGCATCTTCTTCACTCGGGCGGTGCAGTTCACAG
AGGAGAAGTTTGCCAGGCTGAGAAGACGGAGCTTGACGCCACTTTGAAAACCTCTAGCTCGGGCAGA
CAGCACAAGAAGTGGACAGAGCGGATCCTGAGGCAGACCGAGGTGCTGCTGCAGCCCAACCCAGTGCT
CGAGTGGAGGAGTTCCTATATGAGAAGCTGGACAGAAAGGTGCCCTCGAGAGTCACCAATGGGGAGCTGC
TGGCTCAGTACATGGCGGAGGCAGCCAGCGAGCTGGGCCCCAGCACTCCCTACGGGAAGACGCTGATCAA
GGTGTGCAAGCTGAGAAGCGCCTCGGAGCAGCAGAGCGGGATTTCACTCACACTGCCTCCCTCAGCTTC
CTCACACCCCTGCGGAATTCCTAGAGGGGGACTGGAAAACGATTTCAAGGAGAGGGCGGCTCCTGCAGA
ACCGGCGTCTTGACCTGGATGCCTGCAAAGCCCGGCTAAAGAAGGCCAAGGCAGCCGAAGCCAAAGCCAC
GCTTTGGAACGATGAAGTCGACAAGGCTGAGCAGGAGCTTCGAGTGGCGCAGACAGATTTGACCGGCAG
GCAGAAGTGACCCGCTCCTGCTGGAGGGGATCAGCAGTACTCATGTGAACACCTTCGCTGCCTCCATG
AGTTCGTCAGTCTCAGACAACCTACTATGCACAGTGTACCGCCACATGCTGGATCTGCAGAAAACAGT
AGGCAGATTTCCAGGCACCTTCGTGGGCCACACAGAGCCTGCCCTCCCACCCCTGAGCAGCACCTCACCT
ACCACCACTGCGGCCACCATGCCTGTGGTACCTACTGGGGCTGTCTTGGCCCTCCAGAAGAGGCAGCCC
TCTGCCTGGAGGAGGTGGCTCCCCAGCCAGTGGGACTCGAAAAGGCCCGGTGCTCTACGACTACGAGGC
AGCTGACAGCAGTGAAGTGGCCCTGCTGGCTGATGAGCTCATCACTGTCTACAGCCTGCCAGGCATGGAT
CCCAGTGGCTCATTGGTGAGAGAGGCAACAAGAAGGGCAAGGTTCTGTACCTACCTGGAACCTTCTCA
GC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229562 representing NM_001289710
 Red=Cloning site Green=Tags(s)

MDFNMKKLASDAGIFFTRAVQFTEEKFGQAEKTELDAHFNLLARADSTKNWTERILRQTEVLLQPNSA
 RVEEFLYEKLDKRVPSRVNTGELLAQYMAEASELGPSTPYGKTLIKVSEAEKRLGAAERDFIHTASLSF
 LTPLRNFLGDKWTISKERRLLQNRRLDL DACKARLKKAKAAEAKATLWNDEVKAEQELRVAQTEFDRQ
 AEVTRLLLEGISSTHVNHLRCLHEFVKSQTTYAQCYRHMLDLQKQLGRFPGT FVGTTEPASPLSSTSP
 TTTAATMPVVPTGAVLAPPEEAALCLEEVAPPASGTRKARVLYDYEAADSELALLADELITVYSLPGMD
 PDWLIGERGNKKGKVPVPTYLELLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

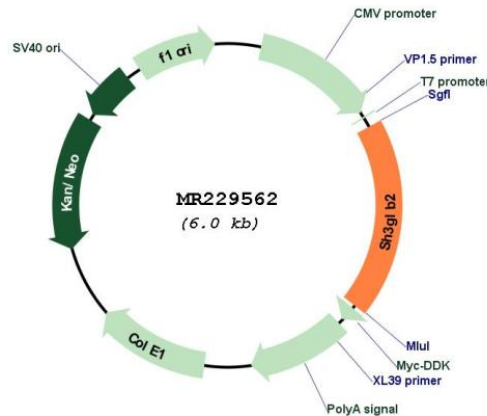
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001289710

ORF Size:	1122 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_001289710.1 , NP_001276639.1
RefSeq Size:	1779 bp
RefSeq ORF:	1125 bp
Locus ID:	227700
Cytogenetics:	2 B
MW:	42.3 kDa