

Product datasheet for **MR216818**

She (NM_172530) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	She (NM_172530) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	She
Synonyms:	9430022A14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR216818 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCGGCCCGCCGCCCCTGGCGCCCCACGGTGTCTCAGCTGGGCCTCCTCACTTTCTGCTCCGCGG
 CCTCGACGCTCCCGGCCCCCTGATGGCGGCGAAATGGTTCAAGGAGTCCCGCTTACTCTGAAGACCGC
 GTCGGAGCGCGCCCGCCCGGGGGCGCCGGCGGAAGCCGCGCAAGAAGCTCGGAGACTGGCGGCGCGCG
 CCCACCCCGGGCAAGGGCCGGAAGAAGCTCAGCGGCCGAGCTGGGGCCAGCAAGGCGAGCAGCGGACCCC
 CAAAGGACAGTCGGCTGTCCCGGACAGCCTGCAGGGTCTGATCCAGGCCGCTGTGGCAAAGGCCGTAA
 GAACTCCCGGGTACCGCCACCGCCACCGAGGAGGAGCCACCGTGGCGCGGTGACCAAGAGCGCGGGC
 TGCAGCACCTACATCAGTAGGCTCATCAAGGTGGACACGCAGGAGAAGAATGGGAAGAGCGCCTACCCGG
 GCGGTGGCAGCACCAGCAGCTCCAGCAGCTCCTTCTCTGCGTCTCTTCCCGTCTCCTGGGCC
 TGAGCTGGACAAGCCAAGATAATGAGACAGCAAGACACGGTCACTATTTAGAGGACTACGCTGACCCG
 TATGATGCCAAACGGACGAAAGGTCAAAGGGATGCGGAGAGAGTGGGTGAGAACGACGGCTACATGGAAC
 CGTACGATGCACAACAGATGATAACAGAAATCAGACGCCGTGGTTCCAAAGATCCCTGGTGAAGGCCCT
 CCAGTTGCTTGATGGCCGAGTGAACAGGGGAGACTGTGAAGGTGGAGGCCACAGCCAAGAGACGCAGC
 TCCAAGGACCTGCTGGGGAAGCCGCCAACTCTATGACACCCCGTACGAGCCTTCGGAGGGTGGCCAAC
 GTGTGGCAGAGGTGAAGACGCGGCCAGCAGACAGCAGGCTACCAGAGGAGGATGATCGGCCCGCTGCTGA
 GTATGAACAGCCCTGGGAGTGAAGAGGGAGCAGATCGCGAGAGCCCTGTGAGTCCAGTTGAGGGATCT
 GATCGACCTCCGGCAGAGAGGATGCAGGGAGCCGACCACTGGCAGAAGACCTTGAAGCCGACCTGT
 CAGACACGGTGTGGGGAGAAGGTGGACCCAGCCCTGGCCCTGGAAAAACAACCTTGGTATCACGGCTC
 CATCAGCCGAGCTGAGGCCGAGAGCCGACTACAGCCCTGCAAAGAAGCCGCTTACCTGGTCCGGAACAGT
 GAGTCAGGGAACAGCAAGTATTCCATTGCACTGAAGACGAGTCAAGGGTGTGCCACATCATAGTGCTC
 AGACAAAAGACAACAAATACACACTGAACCAGACGAGCGCTGTGTTTACAGCATCCCTGAAGTGGTACA
 CTATTACTCCAATGCAAAGCTGCCTTTCAAAGGAGCAGAGCACATGACCCCTCTCCATCCAGTGCACAAG
 CTCCAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR216818 protein sequence
 Red=Cloning site Green=Tags(s)

MRRPPAPGAPRCLSWASSLFCSSAATLPGPLMAAKWFKEFPLTLKTASERARPGGAGGKPRKNSETGGAA
 PTPGKGRKNSAAELGASKASSGPPKDSRLSRDSLQGLIQAAAGKGRKNSRVTATATEEHPHRGAVTKSAG
 CSTYISRLIKVDTQEKNKGSAYPGGSTSSSSSSSSASSPSSLGPELDKAKIMRQQDTVIILEDYADP
 YDAKRTKQRDAERVENDGYMEPYDAQMITEIRRRGSKDPLVKALQLLDGPSEPGETVKVEATAKRRS
 SKDLLGKPPQLYDTPYEPSEGGQRVAEVKTRPADSRLPEEDDRPAAEYEQPWKREQIARALSVQFEGS
 DRPPGREDAGRPHHWQTLKPTLSDHGDGEKVDPLALEKQPWYHGSISRAEASRLQPCKEAAAYLVRNS
 ESGNSKYSIALKTSQGCVHIIVAQTKDNKYTLNQTSAVFDISIPEVVHYHYSNAKLPFGAEMTLLHPVHK
 LH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_172530

ORF Size: 1479 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:
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_172530.3](#), [NP_766118.3](#)

RefSeq Size: 5745 bp

RefSeq ORF: 1479 bp

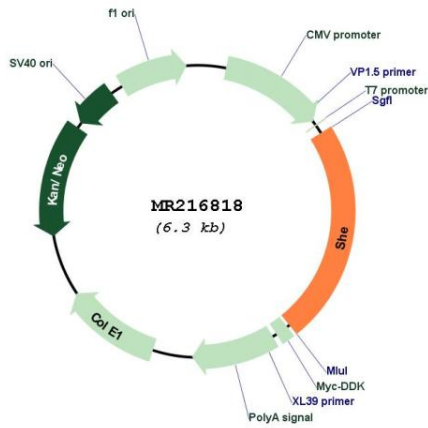
Locus ID: 214547

UniProt ID: [Q8BSD5](#)

Cytogenetics: 3 F1

MW: 53.4 kDa

Product images:



Circular map for MR216818