

Product datasheet for MC224794

Sphkap (NM_172430) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sphkap (NM_172430) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sphkap
Synonyms: 4930544G21Rik; A930009L15Rik; AI852220; mKIAA1678; SKIP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224794 representing NM_172430
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATGTCAACTCCCGGCTTTCTGTGCAAGCAACGTGGAATCACCCTGATGCATGAAGTTTCAGAGC
 CACAGCAGATCACCAGCAGTGCAGCAGGCAACCTGGCTGGCTCCATCACGGCCTGTAAAAAGTTCTTCG
 AAGCAATAGCTTGTGGAGTCCACAGACTACTGGCTGCAGAACCCAGAGGACGCCTTGCCAGATTGGGTTT
 GTGGAAGATGAGTCAGAAAAGTGTCTTGTCTGCTTTGTGAACCTGGATGTCAACAAAGATGCCTGCA
 TCACAGAGAACCTGCAGCAGAAAAGTGGTCAATGTTTCACCGGACCTTCCAAACCTCATCAGCTCCATGAA
 TGTCCAACAGCCGAAAGAAAATGAAATTGTCTCCTAAGTGGGTTAGCCTCTGGAACCTCCAGGCAGAT
 TTTGATGTTTCACAGTGCCTTGGCTACCAGATATCTGCTTGGTCCAGTGTGCAAGAGGGAACAGACCAA
 ACAGTACCAACTGCATCATCTTTGAGATCAACAAGTCTTAATTGGTCTGGAAGTGTGCAAGGAGCGTCA
 GCTCCACCTGGAGACGAACGTGTTGAAGCTGGAGGATGATACAACTGTTCTCTGTCTTCAATTGAAGAA
 GATTTTCTTACAGCCTCCGAGCATTGGAGGAAGAAAATCGAGGTGGACGACTGCAGAAGTGGTTGGAAA
 ATACAAAATGTGTCAGTAATGTTTTGAAAGTAAAAAGCCAAAGGAAAATACCCAGGAAGGATGGGATTA
 CCACAAGGAAAAGTTGCATTGTGCTTTAGGGGAAAAACACATTAGAAAACACCGTACGCCCTCCACAAAA
 ACAGAAGGGTCAAAGGAAAATACAGAAGAGAACACGTCCTTGAAGTCTCAATCGTTTGTAGTCAGGCCAT
 CACACCTGAAAAGTGAAGTGGCGGGGAACAAGCAACTGGCCACAACTACTCCTACCCAGAAAATATCAA
 AGGGGAACTAGAAAATCTCAAATGCTGTTTCATCCCTAGAGATGCCTATCTCCTCATGGTTAAGAAAAGT
 GTACTTTCTCCGTGTAGTGTACTCAGTGAAGCAGGGAGGCAGCCACAGAGACCATGACGTTACTCCAAACC
 CTCTTCTCCCGTTCAAATGGAGAAGCCAGCACCAGGAGATATGCCACAACTTAGCAGAATCTGTAAT
 GCAAGATGCCTTCATCCGATTGTCTCAGTCACAGCCCACTCCCCAGGAATCTGCAGTCAGTTTCTCT
 ATGCGAAGTGTCTCCTTCCCAGTGGCTTGTGCACAAAAGATATGGTGGTCCCTCGTTCATGGAACGAGC
 TACCCAAAATGTCAATTGTGAGAGCCAGATGGCAGTGCACAGTCCCTGAGCCAAATGTCTCCTCCTG
 GCCTGACATGGAATTTGTTGAAACCTCGGGCATTTTTCTGCAGACAGTCCAGCAGACCCACTCAGAGT
 GCCTAGAAGTTCATTGGCTTGTGCAGCCACTGTGATTGGAACATTTCCAGTCCACAGGCCACAGAAA



[View online >](#)

GATTTCGCCATGGAGCAAGAATCCCTGGTATCTACCTATGCCAGAGAGGCACTGGGGTACAGCAAACCTCA
 AGTGCCCCAAGCATTTCATGGCACCTTCTACAACCGAGTATTCCTTCCCATCAGCTCTGTGTGGCATGACA
 CAAGTGGCAAGTGTCTGCTGTCTGTGGCTTATGTGAAAAAGAAGAGGCGACATGTCCTGTAGCTCCAA
 CTGACCTCTTGCCTACATCTGGGGCTTCTGAAGAAATATCCTCCATCGGAAGTTTGTAGTATGGAGAGGAG
 CACAGAAGTGGGAAGGAAGCCATTGCAGAGGCTCTGCTCAGAGAGGCTACTCTGATTTTAGCAAGGCCA
 GATGCTTACAGCAGCCTTGGTGAAGTCTTGAATCTGTGAACAGAGAATCATAGAAACCACTTCTAAAA
 CCCAGACCTGTGCACAGAAAGTGTCAAAGGAATGAAGTGGCACACACCTTGTCCAATGTCATCCTCAA
 GCACTCCGTGGATGAACTTCACCAAGAACTACAATGGCTCACCCCACTGATGAAAGGCATCCCTGTGGA
 ACTCTGGACACCTTGTGAAAGTGTGAACAGCTGCTGCACAATGTGATCTGCTTACATTCAAAAAGA
 TGAATCACATTGTAACACTCAGTGAAGCATCCCTCATTTGATCAGGCTGCTGGTCAAGCCTGGGTAAGC
 CTTTGCATGCCCCAGCAGCCAGCCTTTAGCAATGCACACGGTACTGGCCTTGTGCATCAGGAATCTTGTA
 GAGGATGCATCTCCTAAGTCAAACAAGGGCGAGCAAGGCCAGAAGTGGTCAACAACCCAGGTTGCAAT
 CTGAATCTCCTGCAGTCATAGAATGTTTGATTCAACTGCTAAGTCAATCCCAAGGAAATATATCTGAA
 AGGGATTATGGGAGAGGATACCAGGAACCTCATCATACTAAATTATGACAGCAATGAACGAAGAGCC
 TCTACAGACCTAGGAAAATTGACAACAGCAAGCGAGGGTTGTAGTGGTTCCAGGAACTGAAGACAGCA
 TTGTTCCAAACACCCAAGAGAAATACATCTGTGCCACACCCCTAAACAATGAAGCTCAAGTTAACCTATC
 CTATTAGGTGATGACCTGTCTGTTCTGCTCAGTCTACTCTAGAGGCAAGCAGTCCGAGGTCTATGGC
 ATCACAGATTTTGCAGAAAGATTGGCAGAGACTGTTGTCTCCATGGCAACTGAAATTGCAGCAATCTGCC
 TTGACAACTCCAATGGCAACAGCCCTGGTTTTGTGCTTGGAAAAGAGGGAAACGAGTTTTTAACGGCGCC
 TAACGGATCCTGCCGATCCTTGAAGAGGAAGAAGGAAAACCAAGCGCCGGAAGCACCGTGGAGAAACAC
 AAGCCACCTCGCCTCAGTGAATCAAGAGAAAAGCTGATGAGCACCCAGAGCTGAAAGAGAAGCTGATGA
 ACAGAGTCATGGATGAGTCCATGAACCTCGAAGACATCCCTGATCCGTCAGTACCTTTGCCAATGAAGT
 GGCACCAAGATCATGAACCTCACAGAGTTTTCCATGGTGGATGGGGTGTGGCAAGGCAGAGTGTCTCC
 CGACTCGGCTTCTGGGTGGCGATAGGTGGAACCGGCTGAAGGCCCTCAAGCTGTGAGAGCATTCTGAGG
 AGGACTCTGAAGCCAGGGTCTTTGTAACAGCCTGGGTTTGTAGTACCTTAAGCCAACCAAGTTAGCAG
 GGCCAGCTCCGTCTCAAACAGTCCAGCTGTGAGAGCATCACCGATGAGTTTTCCAGGTTTCATGGTGAAA
 CAGATGGAAAACGAAGGGAGAGGGTTTGTGTTGCTGCTGGATTACTACGCAGGCAAAAAATGCCAGCAGTA
 TCATGAGCTCAGCGATGCAGCAGGCATGCCAGAAAACGACCACCTCAACGTGAGACCGAGCTGCCCTC
 TAAGCAATCCAGTACAGAGAGCATAACAGAGGAGTTCTATAGGTACATGTTAAGGACATCGCGAAAGAA
 AGCAAAGATGGTCCCTCCTCAGACGTAGCAGCCATGATTGGACCACGGGCTGCTGTCTCTTCTACAC
 GATCCCTCTGTGTTACAGACAGTCATCTATGCCTGACAGCAGGTGCCATGCTCCAGACTAACAGTAAA
 TGGCCTGTCAAAGCCAACTCCTTAGATGGCTTTGCCAAAACCTGCCCTCAAGATTCTGTAATGTACAG
 CCAAGTCAAGTGGGCTTCCCTCATCTGGCCTCTGCAATCAGATTCTGCTTGTATCGCAGAAGTGGGACTG
 ACCAGATCACAACATGCTAATTCATGAAACATGGGCCAGCTCCATTGAGGCTCTCATGAGAAAAGACAA
 AATCATTGCTGATGATAGCGAGGAGCTAATGCCAGTCCCTGGCCCTGTTTCCAGTGGTTCTCCTTTGCAA
 GTAGAGAAGAATGCCAACAGATTAGCCACCAGCAAAGGACACAGGGGGCCAACTCTGCTTGTACAGGAAT
 CTGTTGATTACCAGAGAAAAGATGCTGTTACTGAAGGCAATCATTCCCAAGTGTGATCTCCAGGCAAAAC
 AGCTCCTGTTAAAAACCCAGTATTTGATCCTAGAAGAGAAACCTCTGCATGCCACAATGCTGCTGGT
 CTCAACAGCCCTAGGCGGTCACCTGCTCAAGGGATGTGCTTTGATTGATAGAGACAGATCAGAAAG
 AAGAGTGCATTGGAGAACCTGGACCTTTCTTTCCAAAAGTGGCTCCCTAGAGGAAACAGAAGGCCACCA
 ACCTGAAGAAACCATCCCAGATGTGGCCAGAAATGAAGACACAGCTCCGAGCACCTGTGAGAGCTCTCGT
 GACAGCCTTGGACCAAGTGGGAAGTAGAAGTGGAGGTCTTGAAGAAGACATACCCCGAGATGAGTCCC
 GGAACCTCCTAGCAGCAGCGAGGAGAGTACAGGAGGCTGGTCCCAGCTGGCCAATGAGGAGGACATCCC
 AGACGACACAAGCAGCTTTCTGCAGCTCAGCGAGCGGTCCATGAGTGAATTAGTAGAAGAAAAGGAGATT
 CTTAAAGAACAATCAGAAAGCATAAAGGAACATGCCTCTGGACTGCCAGGGAGAGCTGCCAGCCCCAGA
 GGAGCCTACTGGTATCAACTTTGACCTGGAGCCAGAGTGTCTGATGCTGAGCTTCGAGCCACTCTGCA
 GTGGATAGCTGCCTCCGAACTGGGGATCCCAACAATCTACTTTAAGAAATCTCAGGAAAGCAGAATTGAA
 AAGTTTCTAGATGTTGTGAAGCTTGTTCAGCAGAAGTCCCTGGAAGTGGGAGATATATTTACGCGGTTG
 TCCAGTACTGCAAACTGCATGCAGAGCAGAAGGAGAGGACTCCGAGTCTCTTTGACTGGCTTCTGGAAC
 AGGATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_172430

Insert Size:

4977 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_172430.3](#), [NP_766018.3](#)**RefSeq Size:**

6512 bp

RefSeq ORF:

4977 bp

Locus ID:

77629

Cytogenetics:

1 C5