

TGCAGAAGCCAGTATTCTGGACACCAGAGTTTCTGTTGCCAGCTCCGGAATGTATTTATGGAGTCGACC
 AGAGCCAGCAAGAAACCCGAACCTCCAATCCCAGGTTGAGAGGTCAGCTGAAGGAATTGGCTTGCCCATGG
 AACGGGAGAGAGGGTCTCGGAAACCAAGACGCTATCTTTCTCCTGGTAAAGTAGAAAACTTCTGAGCG
 ATTTAGAACTCAACCTATAAATTGAGCAGAACGAAAGGAGTCGGATAGGTACCCTTCTGGTTCAGAAATG
 CCAGTGGTCGAGGATGAAGAAAAGGTGGATGAACGGGCCAAGCTGAGCGTTGCTGCCAAGAGGCTGCTTT
 TCAGGGAAATGGAGAAATGCTTTGATGAGCACAGCATCCAAAAAGGCCGTTCAAGAAATGCAGCCGTGGA
 GCAGAGCTACGTCCGCTGCAGGACGTTACACACACAGCCCATCACCACGGGAGGAAGTGGTCAATTGCA
 GCCACTGAACCTATCCCTGCTTCTGTTCTGGGGTCACCCACCCCGTAATGGCGAGACTTCTAGCCCCA
 CTGTAGCTAGAAGCACTGTGCAGCCTTCCAGGTTACAGGCATCTGCTCACCAGAAGGCTTTAGCCAGGGA
 CCTGGCAAATGAGGGCAGAGAGTCTGCTGAACCAGGCGAACCTGATTCTCCACTCTGAGCTTAGCAGAG
 AAATTGGCCTTGTTTAACAAATTGTCCCAGCCAGTCTCAAAGCCATTTCCACCCGAAACAGAATAGACG
 TGCGGCAGAGGAGGATGAACGCAAGGTATCAGACCAGCCGGTCACACTTGAGAGGTTGGAGCAGGTGCA
 GAGTGGGAAGCTCATCTCCTTCTCCCTACTGTGAACACCTCTGTTTCTACCATGGCTTCTGCAGTTGCT
 CCCACATATGCAGGGGACCTTCGAAAGCCGTCTGTTGACAACAGTCAAGTGGCCCTGACTATAAGTCTC
 TTTCTCCTGTGGAAAACCTCAGACTCTCCAGTCAGAAGCATTCTGAAACCACAAGCCTGGCGGCCCTTGGC
 AGAGCACAGTGGGAGCAAGGAATGCCGAGGAGTCCGGAGAGACGGAAAGCAAGAAATCTCTGACTGCA
 GCTGCTGAAGACAGTCACATTCAAAACAGGAGCCGTGGAGGAGGAAGTGGAGCCCTCCTACCCCATCC
 TTGGCAGAGTCCGGGAGGGTGTGGTGCAGAAGGAGCCTAAGTATGCCAACCTCAGGAGGGGAAGCTTAGA
 GCTAGGGAATTTCTTGCACACACCTTGGTGTGAGCTGAAGGAATTTTCCACTGCTAAAAGCAGTTTG
 CAAGAGAGTCTGGACCTGAAGGATAAGCAGGCCTCGGAGGAGAATGCAGATGTGGAGAATGTCATGAGGA
 AGTTTCTCACTCAAAGAGTTTGGAGAACTGCTTCTGAGAAGACGGAGACAGCTGCCAGGAAAGCCTCTGT
 TCCGATGGCAACCCAGGGGCCGGAAGCAGCAGGAGTCTCTGAGCAGTACGAGAGAAGCTCTTCAAG
 AACCCCTGTGCCATGTTTGTCTTGGAGAGTCAAAGTCCAGCGGGGACAGTGCAGTGCATGATGATGATG
 GCAAAAACCATGTCAATCAAAGAAAAGGCTAGCTCTGTTGAAGAAGAGTGGCGAGGAAGACTGGAAGAACAG
 GCTCATTGGAAGCAGGAATACAGCAAGGCCACTGGTGGCCTGCACTCACCAGGAGTGGAGCAGTCCCTG
 AAGAAAAAGAGAGTCACAGAAAGTCGAGAGAGCCAGATGACGATTGAAGAGAGGAAGCACCTCATCACTG
 TGCGCGAGGAAGCTTGAAGACAAAGGGCAGAGGCGCTGCGAATGACTCCACACAGTTACCCGTGGCAGG
 AAGAAATGGTGAAGAAAGTCTGGCATCACCCACGGCCATAACTCCCATCTCATCCCTCTCTGCAGTAAA
 TCAAGGGGCACGACCCAGTTTCAAACCCCTTGAAGATATTGAAGCCAGACCAGATATGCAGCTGGAAT
 CGGACCTGAAGTTGGACAGGCTGGAACCTTCTAAGGAGGCTGAATAACAAAGTTGCTGGGATGCAGGA
 AACAGTTCTCACAGTCACTGGCAAATCTGTCAAGGAGGTGATGAAGTTGGATGATGATGAAACCTTTGCC
 AAATTCTACCGCAGTGTGGATCACAGTTTACCCAGAAGTCTGTGGAGCTGGAGGAGGACTTCGATGTCA
 TTTTCGACCCCTTATGCTCCCAAGTTGACATCTTTGGTGGCAGAGCATAAGCGCTCAGTCAGGCCAAAGCG
 CCGGGTCCAGGCTTCAAAGAACCCTCTCAAACCTGTTGGCAGCAAGAGACGACCTCCTTACGGAATACACG
 GAGCAAAGGCTAAATGTTGCCTTCATGGAGTCCAAAGCGGATGAAAGTGGAGAAGATGTCTCCAACCTCCA
 ACTTCTCAGAAGTGACGCTGGCGGGCTAGCCAGTAGGGAGAACTTCAGCAGCATCAGCCTGCGGAGTGT
 CAACCTGATGGAGCAAACTCCAACAACAGTGCCTGCCTACAAGAAGCTCATGCTGTTGCAGATTAAG
 GGAAGAAGACACGTGCAGACAAGGCTGGTGGAGCCTCGAGCCTCATCAACAGTGGGGACTGCTTCC
 TTCTACTCTCTCCTCAGTACTGCTTCTGTGGTGGGAGAGTTCTCCAATGTCATTGAGAAAGCAAAGGC
 ATCTGAACTTGCGACATTAATTCAGACAAAGAGGAGCTTGGTTGTAGAGCTACATACGTCAGACCATT
 GAAGAAGGAATTAACACACATACTCACGACCCAAAGACTTCTGGAAGCTTCTGGGTGGTGCAGACCAGTT
 ACCAGTCTGCTGGAGACCCAAAGGAAGATGAGCTGTACGAGACGGCCATCATAGAGACAAACTGTGTCTA
 CCGCCTGACAGACGACAAACTCGTTCTGATGATGACTACTGGGGGAAGATTCCCAAGTGTTCCTTCTG
 CAGTCCAAAGAGGTGCTGGTGTGACTTTGGTAGTGAAGTTTACGTGTGGCATGGGAAGGAAGTCAAGT
 TAGCACAACGGAAAATAGCATTCCAGCTGGCCAAGCACTATGGAATGGAACCTTTGACTATGAGAACTG
 TGACATCAACCCCTGGACCCTGGAGAGTGAACCCGCTCATTCCAGGAAAGGACAAGGGCGCCCTGAC
 TGGGCAATATTTGGAAGAGTTACGGAACACAATGAGACTATTCTGTTCAAAGAGAAAATCCTCGACTGGA
 CAGAACTGAAGAGACCCACAGAGAAGAATTCTGGGGAAGTTGTCCACCAGAAGGATTACCCGAGGGCTGA
 CGTCAAGCCCTATGATGTGACAAGGATGGTGGCAACGCCCCAGATGACAGCCAGCACCATCTTGGATGGG
 GTGAATGTTGGCCGTGGCTATGGCCTGGTGAAGGAGATGACAGAAGACAGGTTGAGATTACCACCGTCT
 CTGTGGATGTGTGGCATAATTCTGGAATTTGACTACAGCAGGCTCCCCAGGCAGAGCATAGGACAGTTCCA
 CGAGGGAGACGCCTACGTGGTCAAGTGAAGTACATGGCAGCACAGCAGTGGGAAGCCGACAAAAGGGG

GAACATCCGGTGAGAGTGGCTGGCAAAGAGAAGTGTGTCTATTTCTTCTGGCAAGGCCGGCACTCGACCG
 TGAGTGAGAAGGGAACGTCAGCTCTCATGACAGTGGAACTGGATGAAGAGAGGGGGGCCAGGTCCAGGT
 CCTGCAGGGAAAGGAGCCACCCTGCTTCCTTCAGTGTTCCTCAGGGGGGTATGGTGGTACACTCCGGACGG
 AGGGAAGAGGAAGAAGAAAATGTCAAAGTGAATGGAGACTGTATTGTGTTTCGAGGAGAGGTGCCCATGG
 AAGGGAACCTGCTAGAAGTGGCCTGTACTGCAGCAGCCTGAGGTCCAGGACATCCATGGTTGTTCTGAA
 CATAACAAGGCCCTCATTTACCTGTGGCAGGATGCAAAGCCCAAGGCCATACGAAGGAGGTTGGAAGG
 ACTGCGGCAAATAAAATCAAGGAAGAATGTCCCCTGGAAGCAGGCCTGCACAGCAGCAGCAACGTGACAA
 TCCATGAGTGTGACGAAGGATCCGAGCCCCTGGGATTCTGGGACGCTCTGGGAAGGAGGGACAGGAAGGC
 CTATGACTGCATGCTTCAAGATCCTGGAAGTTTTAACTTCGCGCCCCGCCTGTTTCATCCTCAGCAGCTCC
 TCAGGAGACTTCTCAGCGACAGAGTTCGTGTACCCCGCGCGAGCGCCCTCTGCCGTGAGTCCATGCCTT
 TCCTGCAGGAGGATCTGTACAGCGCGCCGAGCCAGCTCTCTTCTTGTGACAACCATCACGAGGTGTA
 CCTCTGGCAAGGCTGGTGGCCACCAGAAAACAAGATAACCGGCTCTGCTCGCATTGCTGGGCTCAGAC
 CGGAAGAGCGCCATGGAGACAGTCTGCAGTACTGCCGAGGAAAGAATCTCAAAGGCCACCCCAAGT
 CTTACCTTATCCATGCTGGGCTAGAGCCCCTGACGTTCACTAACATGTTTCCAGCTGGGAACACAGAGA
 AGACATTGCCGAAATCACAGAAATGGACTGAAGTTTCAACCAGATCACCTGGTGAAGACGTCTTA
 GCCAAGCTGTGTAACCATCTATCCTCTGGCAGATCTACTTGGCAGGCCACTCCAGAGGGGGTAGACC
 CTCTAAAGCTTGAGATTTATCTTACAGATGAAGACTTCGAGTTTCACTGCAGATGACCAGAGATGAATT
 CAACGCACTGCCACCTGGAAGCAAATGAACCTGAAGAAAGCGAAAGGCCTGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_001108416

Insert Size:

6498 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).

OTI Annotation:

Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001108416.2, NP_001101886.2

RefSeq Size:

8155 bp

RefSeq ORF:

6498 bp

Locus ID:

361256

Cytogenetics: 17q12.1