OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC120537

WIPF2 (NM_133264) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WIPF2 (NM_133264) Human Untagged Clone
Tag:	Tag Free
Symbol:	WIPF2
Synonyms:	WICH; WIRE
Mammalian Cell Selection:	None
Vector:	pCMV6-XL6
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC120537 sequence for NM_133264 edited (data generated by NextGen Sequencing)

ATGCCAATTCCTCCTCCCCCGCCACCCCCACCTGGTCCTCCTCCACCTCCCACATTTCAT
CAGGCAAACACAGAGCAGCCCAAGCTGAGTAGAGATGAGCAGCGGGGTCGAGGCGCCCTC
TTACAGGACATTTGCAAAGGGACCAAGCTGAAGAAGGTGACCAACATTAATGATCGGAGT
GCTCCCATCCTCGAGAAGCCGAAAGGAAGCAGTGGTGGCTATGGCTCTGGAGGAGCTGCC
CTGCAGCCCAAGGGAGGTCTCTTCCAAGGAGGAGTGCTGAAGCTTCGACCTGTGGGAGCC
AAGGATGGTTCAGAGAACCTAGCTGGTAAGCCAGCCCTGCAAATCCCCAGTTCTCGAGCT
GCTGCCCCAAGGCCTCCAGTATCTGCCGCCAGCGGGCGTCCTCAGGATGATACAGACAGC
AGCCGGGCCTCACTCCCAGAACTGCCCCGGATGCAGAGACCCTCTTTACCGGACCTCTCT
CGGCCTAATACCACCAGCAGTACGGGCATGAAGCACAGCTCCTCTGCCCCTCCCCCACCA
CCCCCAGGGCGGCGTGCCAACGCACCCCCCACACCTCTGCCTATGCACAGCAGCAAAGCC
CCCGCCTACAACAGAGAGAAACCCTTGCCACCGACGCCTGGACAAAGGCTTCACCCTGGT
CGAGAGGGACCTCCTGCTCCACCCCCAGTCAAACCACCTCCTTCCCCTGTGAATATCAGA
ACAGGACCAAGTGGCCAGTCTCTGGCTCCTCCTCCTCCGCCTTACCGCCAGCCTCCTGGG
GTCCCCAATGGACCCTCTAGCCCCACTAATGAGTCAGCCCCTGAGCTGCCACAGAGACAC
AATTCTTTGCATAGGAAGACACCAGGGCCTGTCAGAGGCCTAGCACCTCCTCCACCCACC
TCGGCCTCCCCATCTTTACTGAGTAATAGGCCACCTCCCCCAGCCCGAGACCCTCCCAGT
CGGGGAGCAGCTCCTCCACCCCCACCACCTGTGATCCGAAATGGTGCCAGGGATGCTCCC
CCTCCCCCACCACCATACCGAATGCATGGGTCAGAACCCCCGAGCCGAGGAAAGCCCCCA
CCTCCACCCTCAAGGACGCCAGCTGGGCCACCCCCTCCTCCTCCACCGCCCCTGAGGAAT
GGCCACAGAGATTCTATCACCACTGTCCGGTCTTTCTTGGATGATTTTGAGTCAAAGTAT
TCCTTCCATCCAGTAGAAGACTTTCCTGCTCCAGAAGAATATAAACACTTTCAGAGGATA
TATCCCAGCAAAACAAACCGAGCTGCCCGTGGAGCCCCACCTCTGCCACCCATTCTCAGG
TGA

Clone variation with respect to NM_133264.4

View online »

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_133264 unedited
CCCGCCCCGTTGNCGCAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAGCAGAG
CTTATTTAGGTGACACTATAGAATACAAGCTACTTGTTCTTTTTGCAGCGGCCGCGAATT
CGGCACGAGGGCAGAGGATTCGCTCCCAGAGCAGCTGCGGCCAGGTATATGAATGACCTA
AAGGTACAAATAAAGACGGAGAGAGAACAGTGCCAACTGGGAGCAGGGCAAGAATGCCAA
TTCCTCCTCCCCCGCCACCCCCACCTGGTCCTCCTCCACCTCCCACATTTCATCAGGCAA
ACACAGAGCAGCCCAAGCTGAGTAGAGATGAGCAGCGGGGTCGAGGCGCCCTCTTACAGG
ACATTTGCAAAGGGACCAAGCTGAAGAAGGTGACCAACATTAATGATCGGAGTGCTCCCA
TCCTCGAGAAGCCGAAAGGAAGCAGTGGTGGCTATGGCTCTGGAGGAGCTGCCCTGCAGC
CCAAGGGAGGTCTCTTCCAAGGAGGAGTGCTGAAGCTTCGACCTGTGGGAGCCAAGGATG
GTTCAGAGAACCTAGCTGGTAAGCCAGCCCTGCAAATCCCCAGTTCTCGAGCTGCTGCCC
CAAGGCCTCCAGTATCTGCCGCCAGCGGGCGTCCTCAGGATGATACAGACAGCAGCCGGG
CCTCACTCCCAGAACTGCCCCGGATGCAGAGACCCTCTTTACCGGACCTCTCTCGGCCTA
ATACCACCAGCAGTACGGGCATGAAGCCGCNTCTTGTGCCCCCCTTCCCCCACCACCCCC
AGGGCCGGNGGTGGCCAACGCCCCCCCCACACCTCCTGCCTATGCACCAGCAGCAAAGCC
CCCGCCTACACCAGAGAGAAACCCTTGCCACCGACGCCTGGGACAAGGCTTACCCTGGTC
CAGAGGAACCTTCTGCTTCACCCCCAGTCAAACCACTNCTTTTCCTGGGAATATCACGAC
AGAACCAAGTGGGCCGTCTCTGT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_133264 unedited
GGTATACTATGNACCGCGCCGCATTCTANNGATCGATTTTTTTTTTTTTTTTTTGAGACG
GAGTCTGGCTCTGTCGCCCAGCTGGAGTGCAGTGGCGCAATCTCGTGATTAAATTTTTAA
GCTAATTTTCCCCATCCATTTCAAAGAGTAGCCATGGTCTCCTTGCTCTCATGCCACGCT
CTGAGCACCCTCTACACATAGCAACAGTTGTAGAAAACCAAAGCATCTGGTGTGTGGAGC
CCAAGAGCCCCATCCTGCTGTCGGAAAAAAAGAAGTCCTCATCCAATCAGCTTCCTACCT
AGACTGGGGACCTCCATTTTCTCTGTGCTCTTTAGGACCCGGAAGACAAAGAAACAACCT
ATGGCTGGCTGCCAAGGAAGATCTACTGAACTGAGGCAAATCTCAACAAAGTCTTTGTGC
TTCCTGGCATAGAAGAGTATCTAAATATCTTCATAAGCCTCTGCTCACTTCTTCACCCTT
CTGTACTCTGCTGTGTTAAACCGTGCAGTCCTGGGAAGGCAAGGGTGGTAGAGAAAGGAA
CAGGAAGAGTCTGCTCAGTCAGGTGGGCTGTGAACTTCAGTACAGGCAGGACTTAAAAGT
CCTTTGCAGCCCCACAAAGCCAGCTCCTTCCNATGAGGGCTTCAACCTGCCCTTCTTTGT
TATCCTGGAGCACCTTCCAGGGGCTGAAAGACAGAAAGAGCCCCTGACAACTTCAGGGCC
AGTCAGAAAAGACATGAGCAGACACCAGATGAAGGTTAAGCCCCAGCCCCGCCCTATCTT
TCTATCTTCCACANAAGTTTTGGGGTTTGTGAATCNGAATGAATGATGCCCTCACAAAAG
TGACTTTTCTTTCAAGGCATGGCCGTAAGGGGGAGGAAAAAAACCTCACCTAGCCCCTGG
ACATTG

Restriction Sites: ECoRI-NOT

ACCN: NM_133264

Insert Size: 3300 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_133264.3, NP_573571.1
RefSeq Size:	3160 bp
RefSeq ORF:	1323 bp
Locus ID:	147179
UniProt ID:	Q8TF74
Cytogenetics:	17q21.2
Domains:	WH2
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a WASP interacting protein (WIP)-related protein. It has been shown that this protein has a role in the WASP-mediated organization of the actin cytoskeleton and that this protein is a potential link between the activated platelet-derived growth factor receptor and the actin polymerization machinery. [provided by RefSeq, Jul 2008]