

Product datasheet for **SC126160**

WDFY4 (BC034937) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WDFY4 (BC034937) Human Untagged Clone
Tag:	Tag Free
Symbol:	WDFY4
Synonyms:	C10orf64; FLJ17416; FLJ36288; FLJ45748; KIAA1607; MGC40604; MGC45899; WDFY family member 4
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for BC034937 edited
GTGAAACGGCGCTGAGGACTGACGATGTGGGGCCGGTCTCTTCCCCTGAGCCTGAGGG
GCTGCAGCTGGGGATAGGGGGCCCATGCCTTCTGATGTCTACAGGCGCTGACGGCCACCC
CTCCAGATCTGCTTTGCCACGGCATGGAGGCAGAAGATCTTTCAAAGGCTGAAGACAGAA
ATGAAGACCCAGGTTCCAAAAATGAAGGGCAGCTTGCTGCTGTGCAGCCTGATGTCCCAC
ATGGAGGGCAGTCTCCAGCCCCACAGCTCTCTGGGACATGCTGGAAAAGGAAGTTTCTGG
AATACCAGCAGTTGACTACAAGAGCCCCATTGAGCGTCAGAAGAGCCTGTTGAGTCTTC
TCCCCCTATTCTAAAGGCCTGGGAACACTCCGTGGGGATCATCTGCTTTCCAGTCTCC
AAAGGCTGGCTGAAGACGTGTCTGACCAGCTTGCCAGCAACTCCAGAAGGCCCTTGTGG
GGAAGCCTGCGGAGCAAGCTCGGTTGGCAGCTGGACAGTTGCTGTGGTGGAAAGGGGACG
TGGATCAGGATGGCTACTTGCTCCTGAAGTCAGTGTACGTGCTCACGGGGACAGACTCGG
AGACGCTGGGCAGGGTTGCTGAGTCTGGGCTTCCAGCCCTGCTCCTACAGTGCCTTTACC
TCTTCTTGTCTTCTCTGGACAAAGATGAGCTTCTTGAGAGTATCTTCAAGTTCAA
AGATGTTTCGTGCAGATGTTGCTCAATATTTGCAGTGACTCTCAGGGCCTGGAGGGACTCC
TCTCAGGAAGTGAGCTGCAGTCTCTGCTGATTGCCACGACTGCCTTCGGGAGCACAGCT
GCTGCTTCTGGAAGGAACCCACCTTCTGCGTGCTAAGGGCAATCTCCAAGGCCAGAAC
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CCAGGCTCACGGACACTCTCCCTGCCCCGAAGTGAGCGAGGCTGTAAGCCTGATCTTGG
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TGGACCCGCATCTGGAGGAGTCTCTGGGCTGGTGGTGTGGTGACAACCTGTGGGAGGT
CAGAGCTGAAGGTGTTTGACAGCATCACTTACCCTCAGCTTGAAGGCTTCAAGTTCCATC
ATGAGGCATCTGGGGTACTGTTAAGAATCTTCAGGCCTTCCAGGTCCTACAGAATGTTT
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GGCCTGGAATGCTCGAAACTTCTTCTGCTGGAGTGGACCCTGCAGCCCATCTCGCAGT
TTGTAGAGATCATGCCCTGAAGCCGGCCCCAGTGCAGGAACACTTCTTCCAGCTTCTAG
AGGCCCTGGTGTTCGAGCTGCACTACGTGCCTCATGAGATCCTGCGAAAGGTACAGCATC
TGATCAAGGAGAGCCCTGGGCCATCCTGCACCCTCATGGCCCTGCAGAGCATCCTCAGCA
TCGCTGGTGGGGACCCCTTTCACCGACATCTCCGGGACTCAGGGCTCCTGGGCCTGC
TACTGGCACAGCTTCGGAAGCAAGCCAAGATCATGAGGAAGTCAAGAAACAAAGTGCCA
CTCCTGGTGTTCAGGATCCAGAAAGAGAACTCACCTGTGTGATGCTGAGGATTGTAGTCA
CACTTCTGAAAGGCTCGGTGAGGAATGCAGTTGCTCCTGAAGGACCACGGCATGGTGCCCT
TCATCAAGATCTTCTGGATGACGAGTGCTACCGGGAGGCCTCGCTCAGCATCTTGGAGC
AGCTCTCAGCCATCAACGCCGAGGAGTACATGAGCATCATTGTGGGTGCTCTATGCTCAT
CCACTCAAGGGGAGCTGCAGCTGAAACTGGATCTCCTGAAGGTGATTTCAAGTCCCTT
TGAGATTGGCTTCCCTGTGGATATGCACCAAGCGATCCACATTTGCTCAGGCATTTGTAT
TCATGTAATTCAGTTAGCCACTGTATGTGGCAGGCAGTACCCTGTATTAGGTAGCGTCAG
GTGCTGTAAACAAATAATCCCATATCCTCAGTAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC034937 unedited NGGGCGGTTT CAGAATTTGTAAACGACTCATATAGGGCGGCCGCGATTTCGGCACGAGGGTG AAACGGCGCTGAGGACTGACGATGTGGGGCCGGTCTCTTCCCCTGAGCCTGAGGGGCT GCAGCTGGGGATAGGGGGCCCATGCCTTCTGATGTCTACAGGCGCTGACGGCCACCCCTC CAGATCTGCTTTGCCACGGCATGGAGGCAGAAGATCTTTCAAAGGCTGAAGACAGAAATG AAGACCCAGGTTCCAAAAATGAAGGGCAGCTTGTCTGTGTGCAGCCTGATGTCCACATG GAGGGCAGTCTCCAGCCCCACAGCTCTCTGGGACATGCTGAAAGGAAGTTTCTGGAAT ACCAGCAGTTGACTCACAAGAGCCCCATTGAGCGTCAGAAGAGCCTGTTGAGTCTTCTCC CCCTATTCTAAAGGCTGGAAACACTCCGTGGGGATCATCTGCTTCCAGTCTCCAAA GGCTGGCTGAAGACGTGTCTGACCAGCTTGCCAGCAACTCCAGAAGGCCCTTGTGGGA AGCCTGCGGAGCAAGCTCGGTTGGCAGCTGGACAGTTGCTGTGGTGAAGGGGGACGTGG ATCAGGATGGCTACTTGTCTCTGAAGTCAGTGTACGTGCTCACGGGGACAGACTCGGAGA CGCTGGGACAGGTTGCTGAGTCTGGGCTCCAGCCCTGCTCTACAGTGCCTTTACCTCT NTCTTGTCTTCTCTGGGACAAGATGAGCTTCTTGAGAGTGATCTTCAAGTTCAAAGA TGTTTCGTGCAGATGTTGCTCAATATTTGCAGTGACTCTCAGGGCCTGGAGGGACTCTCT CAGGAGTGAGCTGCAGTCTCTGCTGATTGCCACGACCTGGCTTCGGGACACAGCTG
Restriction Sites:	Please inquire
ACCN:	BC034937
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:	<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:	BC034937.1 , AAH34937.1
RefSeq Size:	2240 bp
Locus ID:	57705
Cytogenetics:	10q11.23
Gene Summary:	Plays a critical role in the regulation of cDC1-mediated cross-presentation of viral and tumor antigens in dendritic cells. Mechanistically, acts near the plasma membrane and interacts with endosomal membranes to promote endosomal-to-cytosol antigen trafficking. Plays also a role in B-cell survival through regulation of autophagy.[UniProtKB/Swiss-Prot Function]