

Product datasheet for **SC305724**

WFIKKN1 (NM_053284) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WFIKKN1 (NM_053284) Human Untagged Clone
Tag:	Tag Free
Symbol:	WFIKKN1
Synonyms:	C16orf12; RJD2; WFDC20A; WFIKKN
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_053284, the custom clone sequence may differ by one or more nucleotides <pre> ATGCCCGCCCTACGTCCACTCCTGCCGCTCCTGCTCCTCCTCCGGCTGACCTCGGGGGCT GGCTTGCTGCCAGGGCTGGGGAGCCACCCGGGCGTGTGCCCAACCAGCTCAGCCCAAC CTGTGGGTGGACGCCAGAGCACCTGTGAGCGCAGTGTAGCAGGGACCAGGACTGTGCG GCTGCTGAGAAGTGTGCATCAACGTGTGTGGACTGCACAGCTGCGTGGCAGCACGCTTC CCCGGCAGCCAGCTGCGCCGACGACAGCGGCCTCCTGCGAGGGCTTTGTGTGCCACAG CAGGGCTCGGACTGCGACATCTGGGACGGGCAGCCCGTGTGCCGTGCCGCGACCGCTGT GAGAAGGAGCCAGCTTACCTGCGCCTCGGACGCGCTCACCTACTACAACCGCTGCTAT ATGGACGCCGAGGCTGCTGCGGGGCTGCACCTCCACATCGTGCCCTGCAAGCACGTG CTCAGCTGGCCGCCAGCAGCCCGGGGCGCGGAGACCACTGCCCGCCCCACACCTGGG GCCGCGCCCGTGCTCCTGCCCTGTACAGCAGCCCTCCCCACAGGCGGTGCAGGTTGGG GGTACGGCCAGCTCCACTGCGACGTACGCGGCCGCCCGCCGCTGCTGTGACCTGGGAG AAGCAGAGTCACCAGCGAGAGAACCTGATCATGCGCCCTGATCAGATGTATGGCAACGTG GTGGTCACCAGCATCGGGCAGCTGGTGTCTACAACGCGCGGCCGAAGACGCCGCGCTG TACACCTGCACCGCGCGCAACGCTGCTGGGCTGCTGCGGGCTGACTTCCCACTCTCTGTG GTCCAGCGAGAGCCGGCCAGGGACGACGCCCCAGCATCCAGCCCGGCGGAGTGCCTG CCGGATGTGCAGGCTGCACGGGCCCACTTCCCCACACCTTGTCTCTGGCACTACGAC CCGCAGCGGGGCGGCTGCATGACCTTCCCGGCCGTGGCTGTGATGGGGCGGCCCGCGGC TTTGAGACCTACGAGGCATGCCAGCAGGCTGTGCCCGCGGCCCGCGCAGCCTGCGTG CTGCCTGCCGTGCAGGGCCCTGCCGGGCTGGGAGCCGCGTGGGCTACAGCCGCTG CTGCAGCAGTGCCATCCCTTCGTGTACGGTGGCTGCGAGGGCAACGGCAACAACCTCCAC AGCCGCGAGAGTGCAGGATGCCTGCCCCGTGCCGCGCACACCGCCCTGCCGCGCTGC CGCCTCCGGAGCAAGCTGGCGTGAGCCTGTGCCGAGCGACTTCGCCATCGTGGGGCGG CTCAGCGAGGTGCTGGAGGAGCCGAGGCCGCGCGGCATCGCCCGCTGGCGCTCGAG GACGTGTCAAGGATGACAAGATGGGCCTCAAGTTCTTGGGACCAAGTACCTGGAGGTG ACGCTGAGTGGCATGGACTGGGCTGCCCTGCCCAACATGACGGCGGGCGACGGGCCG CTGGTCATCATGGGTGAGGTGCGCGATGGCGTGCCGTGCTGGACGCCGCGAGCTACGTC CGCGCCGCCAGCGAGAAGCGCTCAAGAAGATCTTGGAGCTGCTGGAGAAGCAGGCCTGC GAGCTGCTCAACCGCTTCCAGGACTAG </pre>



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Restriction Sites:	Please inquire
ACCN:	NM_053284
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_053284.2, NP_444514.1</u>
RefSeq Size:	1948 bp
RefSeq ORF:	1647 bp
Locus ID:	117166
UniProt ID:	<u>Q96NZ8</u>
Cytogenetics:	16p13.3
Gene Summary:	This gene encodes a secreted multidomain protein consisting of a signal peptide, a WAP domain, a follistatin domain, an immunoglobulin domain, two tandem Kunitz domains, and an NTR domain. These domains have been implicated frequently in inhibition of various types of proteases, suggesting that the encoded protein may be a multivalent protease inhibitor and may control the action of multiple types of serine proteases as well as metalloproteinases. [provided by RefSeq, Jul 2008]