

Product datasheet for **SC123544**

WFDC3 (BC026014) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WFDC3 (BC026014) Human Untagged Clone
Tag:	Tag Free
Symbol:	WFDC3
Synonyms:	dj447F3.3; OTTHUMP00000196627; protease inhibitor WAP14; WAP14; WAP four-disulfide core domain 3; whey acidic protein 14
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC026014 edited AGCGGAGCTGCGGGTTACCATGGGAACCGAACCGCCGCGCTCGCCCAGGACAGTTACA CTTAGAGGCCTTCAAAGAGGGGAGAATGCCCTCCCGATAAGAACCCATGCAAAGAGCTGT GCCAGGGCGATGAATTGTGTCCGGCTGAACAGAAGTGCTGCACCAGGCTGTGGTCCGATC TGCCGAGACATTCTAAGGGGAGGAAAAGAGATTGCCCTAGGGTTATTTCGAAACAATCC TGTTTGAAAAGGTGCATCACTGATAAGACATGTCCAGGTGTAAGAAATGCTGCACGCTT GGCTGCAACAAGAGCTGTGTAGTCCCAATCTCTAAACAGAAGCTGGGGCGGGCGGTGAT TGTCCAAAAGTTCTGGTGGCCTGTGCATTGTTGGCTGTGTGATGGATGAGAATTGTCAA GCTGGAGAAAAATGTTGCAAGTCAGGCTGTGGCCGCTTCTGTGTCCACCAGTCTGCC CCAAAAGTACCATGAACCCCACTGGACTGTGAGGTCTGATTCCGAATTAGAGATCCC GTGCCCTAGCTGTGCTGATTTGTCTGGAGCTTCTTTGGTAATTCTGGAAGCTTTTCTGG CAGTCAAGAGAGGGTGACATCCTGGGGCTGTGACATTTCCAGGGGCACTCATGGCCCTC TCTGCTCTGCTTCTCCTCCTGCCGCTGACCAGAGCATGGGAAATAGCCCTGGATTGGGTA GTGGGTGTGTGGTCTTCTTTCCAATAAAGGCTGGTGTGAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC026014 unedited TGGGGGGCTTACGGGTTTTGTACCCCTTCTCATAGGCGGACGCCTAACTTCGTATAGC ATACATTATACGAAGTTATGGATCATGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCG GAGCTGCGGGGTTACCATGGGAACCGAACCGCCGCGCCTCGCCAGGACAGTTACACTTA GAGGCCTTCAAAAGAGGGAGAATGCCCTCCCGATAAGAACCCATGCAAAGAGCTGTGCCA GGGCGATGAATTGTGTCGGCTGAACAGAAGTGCACCAGGCTGTGGTGGATCTGCC GAGACATTCCCTAAGGGGAGGAAAAGAGATTGCCCTAGGGTTATTTCGAAACAATCCTGTT TGAAAAGGTGCATCACTGATAAGACATGTCCAGGTGTAAGAAAATGCTGCACGCTTGGCT GCAACAAGAGCTGTGTAGTCCCAATCTCTAAACAGAAGCTGGGGCGGGCGGTGATTGTC CAAAAGTTCTGGTGGCCTGTGCATTGTTGGCTGTGTGATGGATGAGAATTGTCAAGCTG GAGAAAAATGTTGCAAGTCAGGCTGTGGCCGTTCTGTGTCCCACCAGTCTGCCCCAA AACTGACCATGAACCCCAACTGGACTGTGAGGTCTGATCCGAATTAGAGATCCCGGTGC CCTATCTGTGCTGATTTGTCTGGAGCTTCTTTGGTAATTCTGGAAGCTTTTCTGCGCAGT CAAGAGAGGGTGACATCCTGGGGCTTGTGACATTTCCAGGGGCACTCATGGCCCTCTCTG CTCTGCTTCTCCTCCTGCCGCTGACCAGAGCATGGGAAATAGCCCTGGATTGGGTAGTGG GTGTGGTGTCTCTTTCCAATAAAAG
Restriction Sites:	Please inquire
ACCN:	BC026014
Insert Size:	778 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:	<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:	<u>BC026014.1</u> , <u>AAH26014.2</u>
RefSeq Size:	778 bp
Locus ID:	140686
Cytogenetics:	20q13.12
Protein Families:	Secreted Protein

Gene Summary:

This gene encodes a member of the WAP-type four-disulfide core (WFDC) domain family. The WFDC domain, or WAP signature motif, contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor. The encoded protein contains four WFDC domains. Most WFDC genes are localized to chromosome 20q12-q13 in two clusters: centromeric and telomeric. This gene belongs to the telomeric cluster. Alternatively spliced transcript variants have been observed but their full-length nature has not been determined. [provided by RefSeq, Jul 2008]