

Product datasheet for **SC306997**

WFIKKN2 (NM_175575) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WFIKKN2 (NM_175575) Human Untagged Clone
Tag:	Tag Free
Symbol:	WFIKKN2
Synonyms:	GASP-1; hGASP-1; WFDC20B; WFIKKNRP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_175575 edited
 TGTCTGCAGCCCCCTGAGAAGAAGGCCCTGGTGGGCCCCAGACCCTGGCATCGTTTCAGGG
 GAGGTCTCTAGCCGCCCCAGCCTGCACCATGTGGGCCCCAAGGTGTGCGCGGTTCTGGTC
 TCGCTGGGAGCAGGTGGCAGCGCTGCTGCTGCTGCTACTGCTCGGGGTGCCCCGCG
 AAGCCTGGCGCTGCCGCCATCCGCTATTCCCACGCCGGCATCTGCCCAACGACATGAA
 TCCCAACCTCTGGGTGGACGCACAGAGCACCTGCAGGCGGGAGTGTGAGACGGACCAGGA
 GTGTGAGACCTATGAGAAGTGTGCCCCAACGTATGTGGGACCAAGAGCTGCGTGGCGGC
 CCGCTACATGGACGTGAAAGGGAAGAAGGCCCAAGTGGGCATGCCCAAGGAGGCCACATG
 TGACCACTTCATGTGTCTGCAGCAGGGCTCTGAGTGTGACATCTGGGATGGCCAGCCCGT
 GTGTAAGTGCAAAGACCGCTGTGAGAAGGAGCCAGCTTTACCTGCGCCTCGGACGGCCT
 CACCTACTATAACCGCTGCTACATGGATGCCGAGGCTGCTCAAAGGCATCACACTGGC
 CGTTGTAACTGCCGCTATCACTTCACCTGGCCCAACACCAGCCCCCACCACCTGAGAC
 CACCATGCACCCACCACAGCCTCCCCAGAGACCCCTGAGCTGGACATGGCGGCCCTGC
 GCTGCTCAACAACCTGTGCACCACTCGGTACCATGGGTGAGACAGTGAAGCTTCTCTG
 TGATGTGGTGGGCGGCCCGGCTGAGATCACCTGGGAGAAGCAGTTGGAGGATCGGGA
 GAATGTGGTCATGCGGCCCAACCATGTGCGTGGCAACGTGGTGGTCACCAACATTGCCCA
 GCTGGTCATCTATAACGCCCAGCTGCAGGATGCTGGGATCTACACCTGCACGGCCCGGAA
 CGTGGCTGGGGTCTGAGGGCTGATTTCCCGCTGTGCGTGGTCAGGGGTGATCAGGCTGC
 AGCCACCTCAGAGAGCAGCCCCAATGGCACGGCTTTCCCGCGGGCGAGTGCCTGAAGCC
 CCCCAGACAGTGAAGACTGTGGCGAAGAGCAGACCCGCTGGCACTTCGATGCCAGGCCAA
 CAACTGCCTGACCTTACCTTCGGCCACTGCCACCGTAACCTCAACCACTTTGAGACCTA
 TGAGGCCTGCATGCTGGCCTGCATGAGCGGGCCGCTGGCCGCTGCAGCCTGCCCGCCCT
 GCAGGGGCCCTGCAAAGCCTACGCGCCTCGCTGGGCTTACAACAGCCAGACGGGCCAGTG
 CCAGTCCTTTGTCTATGGTGGCTGCGAGGGCAATGGCAACAACCTTTGAGAGCCGTGAGGC
 CTGTGAGGAGTCTGCCCTTCCCCAGGGGAACAGCGCTGTCGGGCCTGCAAGCCTCG
 GCAGAAGCTCGTTACCAGCTTCTGTCGACGCACTTTGTCATCCTGGGCCGAGTCTCTGA
 GCTGACCGAGGAGCCTGACTCGGGCCGCGCCCTGGTACTGTGGATGAGGTCTAAAGGA
 TGAGAAAATGGGCTCAAGTTCTGGGCCAGGAGCCATTGGAGGTCACTCTGCTTACGT
 GGACTGGGCATGCCCTGCCCAACGTGACCGTGAGCGAGATGCCGCTCATCATATGGG
 GGAGGTGGACGGCGGCATGGCCATGCTGCGCCCCGATAGCTTTGTGGGCGCATCGAGTGC
 CCGCCGGGTGAGGAAGCTTCGTGAGGTGATGCACAAGAAGACCTGTGACGTCCTCAAGGA
 GTTCTTTGGCTTGCACTGAAGCCCCCACCCTCCCTGCCCTCCCTGGCCTTCTTCCA
 CCTATCCACCCCAATGCCTCTCAGCAAACTGGGCGAGGTGAGATTAGACAGGCTTGGGAC
 AGCAGGGAACATCAACCGACGTGTACAGAAAAGCCACAGAAGGTCTCAGATCAGCAT
 CTATTTCTTTGGGTTCAATAAGGGGTTTATATCTTTTTAGCTGAGGGGGACAAGAGGAGA
 AGTCAGTGGACACATGGAAGTTACTCGTGACCAACAGCTTGTCTCAGATATTCTCTCCTC
 CCCTCACTGGCCCCACACCCCTGGCTCTCCAGTACCCCTCCCTAGCCAGTCTCCACG
 AAGGGTTTAAGAGATGGCCGCTGTGTGCTGGTCACAGGAAGTGTGAATGGATTGGCTTG
 CAAAGGGGTAGGTGGGAGAGATAGGAGGGCCAGGACTCATGGGACACCTTTCCAC
 AGCCTCCTCGATTGCTGTGAGCAGAGGCCACTCGGAGTTAGGGGCATGGGCAATAGCAAG
 CTG

Restriction Sites: Please inquire

ACCN: NM_175575

Insert Size: 2700 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_175575.4.
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_175575.4, NP_783165.1</u>
RefSeq Size:	3534 bp
RefSeq ORF:	1731 bp
Locus ID:	124857
UniProt ID:	<u>Q8TEU8</u>
Cytogenetics:	17q21.33
Protein Families:	Transmembrane
Gene Summary:	The WFIKKN1 protein contains a WAP domain, follistatin domain, immunoglobulin domain, two tandem Kunitz domains, and an NTR domain. This gene encodes a WFIKKN1-related protein which has the same domain organization as the WFIKKN1 protein. The WAP-type, follistatin type, Kunitz-type, and NTR-type protease inhibitory domains may control the action of multiple types of proteases. [provided by RefSeq, Jul 2008]