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 SC209978

WFS1 (NM_006005) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	WFS1 (NM_006005) Human 3' UTR Clone
Symbol:	WFS1
Synonyms:	CTRCT41; WFRS; WFS; WFSL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_006005
Insert Size:	827 bp
Insert Sequence:	>SC209978 3'UTR clone of NM_006005 The sequence shown below is from the reference sequence of NM_006005. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTTTTCTTCCCATTCCTGTCGGCGGCCTGAGGATGGTCCGCCACGAGGAGCTTCCAGTGCATGTTGCCA TGAGGCCTTTCCCCAGTGTGGCCCCAGCCCGACAGGCATGCACCAGTGCCGCCTGTGCCCACGTGTGCA GACTGTGGCTGCAGAGACCTTGCGACCATGTGTAGATTGCGTGGACCCCGACAAAGGGAAGGCTGCTGT GTAGCTCTGTCCACTCTGAATACCAAGTGTGTTGGGAATTGCATGCCATCTCCACCCTGAGCCTGACCT TTCTGAGTGACATGGGTGTGCCAGGCTAGACTAGGAGGTTCCGGTGTCTGGAAAAGCACTTTACAGATG AGATTCCCTCTCCTCCCCCACCTTCAAGCACCCTGTTCCCTCTTTCTTTCTTTTGTGTTGGATTTGTTT AAAAACCAAATAAGCATCTGTGTAACCTCCACAGTAGCATTTCTTATTTGTTTGGTCACTGCTACACCT TAGCAGCTCTTCCCCTTTCCTGGGGGATGTGCACGGCAGCTTGAGCCTGTCACGTGGTCAAGGCCCGGC CCCATCAGAGGCTGGGGGAGGCGGCACATTGGCAGTGTGTCACACTGAGCTGGGCACCACAGGCTGCCT CATGACCCTCCTGTCCAGCAGGTAGTGGGTGAATGTGTGAAGGTCTTGCCTGAATCCATCAGGACTTGG GAAACAGAGAACCCTGTGGGGGCGGCTGTGGGGGAGGTCCCTGCCAGTGTTTAGAAGAGCCTGACTGTG TTCAGTGCCTTGGAGCAGAAAGCCAGGGTCCTGAGTGGCTGAAATAAAAGCCTCTGGTGGAACCTGCA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI

View online »

OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_006005.3
Summary:	This gene encodes a transmembrane protein, which is located primarily in the endoplasmic reticulum and ubiquitously expressed with highest levels in brain, pancreas, heart, and insulinoma beta-cell lines. Mutations in this gene are associated with Wolfram syndrome, also called DIDMOAD (Diabetes Insipidus, Diabetes Mellitus, Optic Atrophy, and Deafness), an autosomal recessive disorder. The disease affects the brain and central nervous system. Mutations in this gene can also cause autosomal dominant deafness 6 (DFNA6), also known as DFNA14 or DFNA38. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Mar 2009]
Locus ID:	7466
MW:	30.1