

Product datasheet for **SC308745**

WSTF (BAZ1B) (NM_032408) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	WSTF (BAZ1B) (NM_032408) Human Untagged Clone
Tag:	Tag Free
Symbol:	WSTF
Synonyms:	WBSCR9; WBSCR10; WSTF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308745 representing NM_032408. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGCCGCTCCTGGGCGCAAGCCCTTCCCCTGGTGAAGCCGTTGCCCGGAGAGGAGCCGCTCTTC
ACCATCCCGCACACTCAGGAGGCCTTCCGCACCCGGGAAGAGTATGAAGCCCGCTTGAAAGGTACAGT
GAGCGCATTGGACGTGCAAGAGTACTGGAAGCAGTCAGCTAACACACAAGGAAGCCTGGGAGGAAGAA
CAGGAAGTTGCTGAGCTTTGAAGGAGGAGTTTCTGCCTGGTATGAGAAGCTTGTCTGGAATGGTT
CACCATAACACAGCCTCCTTAGAGAAGTTAGTAGATACTGCTTGGTTGGAGATCATGACCAATATGCT
GTGGGAGAAGAGTGTGACTTCGAGGTTGGGAAGGAGAAAATGCTCAAGGTGAAGATTGTGAAGATTCAT
CCTTTGGAGAAAGTGGATGAAGAGGCCACTGAGAAGAAAATCTGATGGTGCCTGTGATTCTCCATCAAGT
GACAAAGAGAAGTCCAGTCAGATTGCTCAGGACCATCAGAAGAAGGAGACAGTTGTGAAAGAGGATGAA
GGAAGGAGAGAGAGTATTAATGACAGAGCACGTAGATCGCCACGAAAACCTCCTACTTCATTAATAAAAA
GGAGAAAGGAAATGGGCTCCTCCAAAATTTCTGCCTCACAAAATATGATGTGAAACTACAAAATGAAGAT
AAGATCATCAGTAACGTGCCAGCAGACAGCTTGATTTCGTACAGAGCGCCACCAAATAAGGAGATAGTT
CGATACTTTATACGGCATAATGCATTACGAGCTGGTACTGGTGAAGTGCACCTTGGGTCGTAGAAGAT
GAATTGGTGAAGAAATACTCTCTGCCAGCAAGTTCAGTGACTTTTTACTTGATCCATACAAGTATATG
ACTCTCAACCTTCTACTAAGAGGAAGAATACTGGATCCCCAGACAGGAAGCCCTCAAAGAAATCCAAG
ACAGACAACTCTTCTTAGTTACCACCTAAATCCTAAGTTATGGTGTACAGTACACTTGAAGAAGTCA
TTGAGTGGCTCGCCACTCAAAGTGAAGAACTCAAAGAATTCCAAATCTCCTGAAGAACATCTAGAAGAA
ATGATGAAGATGATGTCGCCAATAAGCTGCACACTAACTTTCACATTCTAAAAAGGCCACCTGCC
AAGAAACCAGGGAAGCACAGTGACAAGCCTTTGAAGGCAAAGGGCAGAAGCAAAGGCATCCTGAATGGA
CAGAAATCCACAGGGAATCCAAATCTCCCAAAAAGGACTGAAGACTCCTAAAACCAAATGAAGCAG
ATGACTTTGTTGGATATGGCCAAAGGCACGCAGAAGATGACACGAGCCCCACGGAATTCTGGGGTACA
CCTAGGACCTCTAGTAAACCTCATAAATCTGCCTCCTGCAGCCCTACACCTCATTGCATACTACAAA
GAAAACAAAGACAGGGAGGACAAGAGGAGCGCCCTGTCCTGTGTTATCTCCAAAACAGCTCGTCTTCT
```



[View online >](#)

TCTAGTGAAGATAGAGCTCGTCTCCAGAGAATTGCGAAGTCTTGTTCAAAAACGCTATGAACTTCTA
 GAGCACAAAAAGAGGTGGGCTTCTATGTCTGAAGAACACGGAAGAATATTTGAAAAAGAAACGGGAG
 GAGCTGAAAAAGAAGTTGAAGGAAAAAGCCAAAGAACGAAGAGAGAAAGAAATGCTTGAGAGATTAGAA
 AAACAGAAGCGGTATGAGGACCAAGAGTAACTGGCAAAAACCTTCCAGCATTGAGATTGGTGGATACC
 CCTGAAGGGCTGCCAACACGCTGTTTGGGGATGTGGCCATGGTGGTGAATTCTTGAGCTGTTATTCT
 GGGCTACTTTTACCAGATGCTCAGTATCCTATTACTGCTGTGTCCCTTATGGAAGCCTTGAGTGCAGAT
 AAGGGTGGCTTTTATACCTTAAACAGGGTGTGGTCATCCTCTTACAGACCCTCTACAAGATGAGATA
 GCAGAAGACTATGGTGAATTGGGAATGAAGCTGTGCGAAATCCCCTTGACTCTGCATTCTGTTTCAGAG
 CTGGTGGCGCTCTGCTTGCGCAGATCTGATGTTTACAGGAGAAAGCGAGGGCTCAGACACAGATGACAAT
 AAAGATTCAGCTGCATTTGAGGATAATGAGGTACAAGATGAGTTCCTAGAAAAGCTGGAGACCTCTGAA
 TTTTTTGGAGCTGACGTCAGAGGAGAAGCTACAGATCTTGACAGCACTGTGCCACCGGATCCTCATGACA
 TACTCAGTGAAGACCACATGGAGACCAGACAGCAGATGTCTGCAGAGTTGTGGAAGGAACGGCTTGCT
 GTGTTGAAGGAAGAAAATGATAAGAAGAGAGCAGAGAAAACGAAACGAAAGAAATGGAAGCCAAAAT
 AAAGAAAATGAAAAGTTGAGAATGGGTTAGGCCAAAATGATAGGAAAAAGAAATGTGAAGTTTGAG
 CCCAAGTAGATACAGAAGCTGAAGACATGATTAGTGCTGTGAAGAGCAGAAGGTTGCTTGCCATTCAA
 GCTAAGAAGGAACGGGAAATCCAGGAAAGAGAAAATGAAAGTGAAACTGGAACGCCAAGCTGAAGAAGAA
 CGAATACGGAAGCACAAAGCAGCTGCTGAGAAAAGCTTCCAGGAAGGGATTGCCAAGGCCAAAAGTGC
 ATGCGCAGGACTCCTATTGGCACAGATCGAAAACATAATAGATACTGGCTCTTCTCAGATGAAGTTCCA
 GGATTATTCATTGAAAAAGGCTGGGTACATGACAGCATTGACTACCGATTCAACCATCACTGCAAAGAC
 CACACAGTCTCTGGTGATGAGGATTACTGTCTCGCAGTAAGAAAAGCAAACCTTAGGTAATAATGCAAGC
 ATGAACACACAACATGGAACAGCAACAGAAGTTGCTGTAGAGACAACACACCCAAAACAAGGACAGAAC
 CTATGGTTTTTATGTGATAGTCAAAGGAGCTGGATGAGTTGCTAAACTGTCTTACCCTCAGGGAATA
 AGAGAAAAGTCACTTAAAGAGAGACTAGAGAAGAGGTACCAGGACATTATTCACCTATTCATGCA
 CGGAAGCCAAATTTGGGTCTAAAATCTTGTGATGGCAACCAGGAGCTTTTAAACTTCCTTCGTAGTGAT
 CTCATTGAAGTTGCAACAAGGTTACAAAAGGAGGACTTGATATGTGGAAGAAAACATCAGAATTTGAA
 GCCCGGTCAATTCATTAGAGAAATGAAAGATTTTGGTGAGTGTGATTGCCCTTCAGGCCAGTGTC
 ATAAAGAAATTTCTCAAGGCTTCATGGCTCCCAAGCAAAAGAGAAGAAAAGCTCCAAAGTGAAGATTCA
 GCAAAAAGTGAAGAGTGGATGAAGAGAAGAAAATGGTAGAGGAAGCAAAGGTTGCATCTGCACTGGAG
 AAATGGAAGACAGCAATCCGGGAAGCTCAGACTTCTCCAGGATGCACGTGCTGCTTGGGATGCTTGAT
 GCCTGTATCAAGTGGGATATGTCCGCAGAAAATGCTAGGTGCAAAGTTTGTGAAAGAAAGGTGAGGAT
 GACAAATTTGATCTTGTGTGATGAGTGAATAAAGCCTTCCACCTGTTTTGTCTGAGGCCGCCCTCTAT
 GAAGTACCAGATGGTGAAGTGGCAGTGCCAGCTTGCCAGCCCGCTACTGCCAGGCCAACTCCCGTGGC
 AGGAACTATACTGAAGAGTCTGCTTCTGAGGACAGTGAAGATGATGAGAGTGAAGAGGAGGAGGAG
 GAAGAAGAGGAGGAGGAGGAAGAAGATTATGAGGTGGCTGGTTTTGCGATTGAGACCTCGAAAAGCCATC
 CGGGGCAAGCACAGCGTCATCCCCCTGCAGCAAGGTCAGGCCGGCGCCCGGTAAGAAGCCCACTCT
 ACCAGGAGGTCTCAGCCCAAGGCACCACCTGTGGATGATGCTGAGGTGGATGAGCTGGTGCTTACAGC
 AAGCGGAGCTCCCGGAGGCAAAGCCTGGAGCTGCAGAAGTGTGAAGAGATCCTCCACAAGATCGTGAAG
 TACCGCTTACGCTGGCCCTTCAAGGAGCCTGTGACCAGAGATGAGGCCGAGGACTACTATGATGTGATC
 ACGCACCCCATGGACTTTCAGACAGTGCAGAACAATGTTCTGTGGGAGCTACCGCTCTGTGCAGGAG
 TTTCTTACTGACATGAAGCAAGTGTTTACCAATGCTGAGGTTTACAAGTCCCGTGGCAGCCATGTGCTA
 AGCTGCATGGTGAAGACAGAAGTGTCTAGTGGCTCTGTTGCATAAACACCTTCTGGCCACCCATAT
 GTCCGCAGGAAGCGCAAGAAGTTTCTGATAGGCTTGTGAAGATGAAGGGGACAGTGAAGCAGAGGCC
 GTTGGACAGTCCAGGGGACGAAGACAGAAGAAGTAG
 ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: Sgfl-Mlul
ACCN: NM_032408
Insert Size: 4452 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
OTI Annotation:	<p>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.</p>
Components:	<p>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).</p>
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:	NM_032408.3
RefSeq Size:	6133 bp
RefSeq ORF:	4452 bp
Locus ID:	9031
UniProt ID:	Q9UIG0
Cytogenetics:	7q11.23
Domains:	BROMO, PHD, DDT
Protein Families:	Druggable Genome, Transcription Factors
MW:	170.9 kDa
Gene Summary:	<p>This gene encodes a member of the bromodomain protein family. The bromodomain is a structural motif characteristic of proteins involved in chromatin-dependent regulation of transcription. This gene is deleted in Williams-Beuren syndrome, a developmental disorder caused by deletion of multiple genes at 7q11.23. [provided by RefSeq, Jul 2008]</p>