

## Product datasheet for **SC115760**

### **FAF1 (NM\_007051) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FAF1 (NM_007051) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAF1
Synonyms:	CGI-03; hFAF1; HFAF1s; UBXD12; UBXN3A
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC115760 sequence for NM\_007051 edited (data generated by NextGen Sequencing)

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ATGGCGTCCAACATGGACCGGGAGATGATCCTGGCGGATTTTCAGGCATGTA CTGGCATT
GAAAACATTGACGAAGCTATTACATTGCTTGAACAAAATAATTGGGACTTAGTGGCAGCT
ATCAATGGTGTAAATACCACAGGAAAATGGCATTCTACAAAGTGAATATGGAGGTGAGACC
ATACCAGGACCTGCATTTAATCCAGCAAGTCATCCAGCTTCAGCTCCTACTTCCTCTTCT
TCTTCAGCGTTTTCGACCTGTAATGCCATCCAGGCAGATTGTAGAAAGGCAACCTCGGATG
CTGGACTTCAGGGTTGAATACAGAGACAGAAATGTTGATGTGGTACTTGAAGACACCTGT
ACTGTTGGAGAGATTAACAGATTCTAGAAAATGAACTTCAGATACCTGTGTCCAAAATG
CTGTTAAAAGGCTGGAAGACGGGAGATGTGGAAGACAGTACGGTCTAAAATCTCTACAC
TTGCCAAAAACAACAGTCTTTATGTCCTTACACCAGATTTGCCACCACCTTCATCATCT
AGTCATGTGTTGCCCTGCAGGAGTCATTAATCAAACTTCATGCTGATCATCACCCAC
CGAGAAGTCCAGCGGGAGTACAACCTGAACTTCTCAGGAAGCAGTACTATTCAAGAGGTA
AAGAGAAATGTGTATGACCTTACAAGTATCCCCGTTCCGCAACCAATTATGGGAGGGCTGG
CCAACCTCTGCTACAGACGACTCAATGTGTCTTGTGTAATCAGGGCTCTCTTATCCCTGC
CATCGACTTACAGTGGGAAGAAGATCTTACCTGCACAGACCCGGAACAGTCGGGAAGAA
CAAATCACCGATGTTTATGTTAGTGATAGCGATGGAGATGACTTTGAAGATGCTACA
GAATTTGGGGTGGATGATGGAGAAGTATTTGGCATGGCGTCATCTGCCTTGAGAAAATCT
CCAATGATGCCAGAAAACGCAGAAAATGAAGGAGATGCCTTATTACAATTTACAGCAGAG
TTTTCTTCAAGATATGGTGATTGCCATCCTGTATTTTTTATTGGCTCATTAGAAGCTGCT
TTTCAAGAGGCCCTTCTATGTGAAAGCCGAGATAGAAAGCTTCTTGCTATCTACCTCCAC
CATGATGAAAGTGTGTTAACCAACGTGTTCTGCTCACAAATGCTTTGTGCTGAATCCATT
GTTTCTTATCTGAGTCAAAATTTTATAACCTGGGCTTGGGATCTGACAAAGGACTCCAAC
AGAGCAAGATTTCTCACTATGTGCAATAGACACTTTGGCAGTGTGTGGCACAACCACTT
CGGACTCAAAAAACGGATCAGTTTCCGCTTTTCTGATTATTATGGGAAAGCGATCATCT
AATGAAGTGTGAAATGTGATACAAGGGAACACAACAGTAGATGAGTTAATGATGAGACTC
ATGGCTGCAATGGAGATCTTACAGCCCAACAACAGGAAGATATAAAGGACGAGGATGAA
CGTGAAGCCAGAGAAAATGTGAAGAGAGCAAGATGAGGCTATCGCCTTTCACTTGAG
GCTGACAGAGCAAAGAGGGAAGCTCACGAGAGAGAGATGGCAGAACAGTTTCGTTTGGAG
CAGATTCGCAAAGAACAAGAAGAGGAACGTGAGGCCATCCGGCTGTCCTTAGAGCAAGCC
CTGCCTCTGAGCCAAAGGAAGAAAATGCTGAGCCTGTGAGCAAACCTGCGGATCCGGACC
CCCAGTGGCGAGTTCTTGGAGCGCGTTTTCTGGCCAGCAACAAGCTCCAGATTGTCTTT
GATTTTGTAGCTTCCAAAGGATTTCCATGGGATGAGTACAAGTTACTGAGCACCTTTCTT
AGGAGAGACGTAACCTCAACTGGACCCAAAATAAATCATTATTGGAGGTAAGTTGTTCCCT
CAAGAAACCCTTTTCTTGAAGCAAAAGAGTAA
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Clone variation with respect to NM\_007051.2

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_007051 unedited</p> <pre> TTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCTGCCTCCCAGGTGCGC GCTTCGCTCCCGGAGCCGCGGAATTCGGCGGCCCGCATGGCGTCCAACATGGACCGGGAG ATGATCCTGGCGGATTTTCAGGCATGTACTGGCATTGAAAACATTGACGAAGCTATTACA TTGCTTGAACAAAATAATTGGGACTTAGTGGCAGCTATCAATGGTGAATACCACAGGAA AATGGCATTCTACAAAGTGAATATGGAGGTGAGACCATAACCAGGACCTGCATTTAATCCA GCAAGTCATCCAGCTTCAGCTCCTACTTCTCTTCTTTCAGCGTTTCGACCTGTAATG CCATCCAGGCAGATTGTAGAAAGGCAACCTCGGATGCTGGACTTCAGGGTTGAATACAGA GACAGAAATGTTGATGTGGTACTTGAAGACACCTGTACTGTTGGAGAGATTAAACAGATT CTAGAAAATGAACTTCAGATACCTGTGTCCAAAATGCTGTTAAAAGGCTGGAAGACGGGA GATGTGGAAGACAGTACGGTCTAAAATCTCTACACTTGCCAAAAACAACAGTCTTTAT GTCCTTACACCAGATTTGCCACCACCTTCATCATCTAGTCATGCTGGGTGCCCTGCAGGA GTCATTAATCAAACCTTCATGCTGATCATCACCACCGAGAAGTCCAGCGGGAGTACAA CCTGAACTTCTCAGGAAGCAGTACTATTCAAGAGGTAAAGAGAAATGTGTATGACCTTAC AAGTATCCCCGTTCCGCCACCATATGGGAGGNC TGCCAACCTTCTGCTACAGACGACTCA ATGTGTCTTGCTGAATCANGGCTCTAATTCCTGCCATCGACTTA </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_007051 unedited</p> <pre> ACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTCTTAAGTAGCTATATTT ATTATTACTTTTTCCAGCAATTTTGCAAGAGGCAGAAGTGTGACATTGAATTGAGTGAGA CGAGCGTGTGGTGGGTTGGCGAGGAGCCCTTCTCCTGACGCAGGCTGCTGGCTTGCAA GGAATGGCTGGTCCACCCTGGCCGTGTTTACTCTTTTGCTTCAAGGAAAAGGGTTTC TTGAGGGAACAACCTTACCTCCAATAATGATTTATTTGGGTCCAGTTGAGTTACGCTCT CCTAGGAAAGGTGCTCAGTAACCTGTACTCATCCATGGAAATCCTTTGGAAGCTACAAA ATCAAAGACAATCTGGAGCTTGTGCTGGCCAGGAAACGCCGCTCCAAGAACTCGCCACT GGGGGTCCGGATCCGCAGTTTGCTCACAGGCTCAGCATTTTCTTCTTTGGCTCAGGAGG CAGGGCTTGCTCTAAGGACAGCCGGATGGCCTCACGTTCTCTTCTTGTCTTTGCGAAT CTGCTCCAACGAAACTGTTCTGCCATCTCTCTCGTGAGCTCCCTCTTTGCTCTGTC AGCCTCAAGTAAAAGGCGATAGGCCTCATCTTGCTCTCTTTCACATTTTCTCTGGCTC CATGAGTCTCATTAACCTCATCTACTTCTGTTGNTGGGCTGTGAAGATCTCCATTTGCAGC CATTAGATGATCCGCTTTCCCATATAAATCANGAAAAGCCGAAACTGATCCCGTTTTTGA GTCCGAATGGTTTGTGCCAACACTGCAAGTGTCTATGCACATAGTGAGAATCTTGCTTG TTGGAGTCTGGGCAATCCAACCCAGTTTAAATTTG </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_007051
<b>Insert Size:</b>	1880 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_007051.2</a> , <a href="#">NP_008982.1</a>
<b>RefSeq Size:</b>	2610 bp
<b>RefSeq ORF:</b>	1953 bp
<b>Locus ID:</b>	11124
<b>UniProt ID:</b>	<a href="#">Q9UNN5</a>
<b>Cytogenetics:</b>	1p32.3
<b>Domains:</b>	UBX, UAS
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>Interaction of Fas ligand (TNFSF6) with the FAS antigen (TNFRSF6) mediates programmed cell death, also called apoptosis, in a number of organ systems. The protein encoded by this gene binds to FAS antigen and can initiate apoptosis or enhance apoptosis initiated through FAS antigen. Initiation of apoptosis by the protein encoded by this gene requires a ubiquitin-like domain but not the FAS-binding domain. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) is the longer transcript and encodes the full-length isoform (a).</p>