

Product datasheet for **RC201072**

FAF1 (NM_007051) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAF1 (NM_007051) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAF1
Synonyms:	CGI-03; hFAF1; HFAF1s; UBXD12; UBXN3A
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RC201072 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGTCCAACATGGACCGGGAGATGATCCTGGCGGATTTTCAGGCATGTACTGGCATTGAAAACATTG
ACGAAGCTATTACATTGCTTGAACAAAATAATTGGGACTTAGTGGCAGCTATCAATGGTGTAAATACCACA
GGAAAATGGCATTCTACAAAGTGAATATGGAGGTGAGACCATACCAGGACCTGCATTTAATCCAGCAAGT
CATCCAGCTTCAGCTCCTACTTCTCTTCTTCTCAGCGTTTTCGACCTGTAATGCCATCCAGGCAGATTG
TAGAAAGGCAACCTCGGATGCTGGACTTCAGGGTTGAATACAGAGACAGAAAATGTTGATGTGGTACTTGA
AGACACCTGTACTGTTGGAGAGATTAACAGATTCTAGAAAATGAACTTCAGATACCTGTGTCCAAAATG
CTGTTAAAAGGCTGGAAGACGGGAGATGTGAAGACAGTACGGTCTAAAATCTCTACACTTGCCAAAAA
ACAACAGTCTTTATGTCCTTACACCAGATTTGCCACCACCTTCATCATCTAGTCATGCTGGTGCCCTGCA
GGAGTCATTAATCAAACTTCATGCTGATCATCACCCACCGAGAAGTCCAGCGGGAGTACAACCTGAAC
TTCTCAGGAAGCAGTACTATTCAAGAGGTAAAGAGAAAATGTGTATGACCTTACAAGTATCCCGTTCCGCC
ACCAATTATGGGAGGGCTGGCCAACTTCTGCTACAGACGACTCAATGTGTCTTGCTGAATCAGGGCTCTC
TTATCCCTGCCATCGACTTACAGTGGGAAGAAGATCTTCACTGCACAGACCCGGGAACAGTCGGAAGAA
CAAATCACCGATGTTTATGTTAGTGATAGCGATGGAGATGACTTTGAAGATGCTACAGAATTTGGGG
TGGATGATGGAGAAGTATTTGGCATGGCGTCATCTGCCTTGAGAAAATCTCCAATGATGCCAGAAAACGC
AGAAAATGAAGGAGATGCCTTATTACAATTTACAGCAGAGTTTTCTTCAAGATATGGTGATTGCCATCCT
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TGAATCCATTGTTTCTTATCTGAGTCAAAAATTTATAACCTGGGCTTGGGATCTGACAAAAGGACTCCAAC
AGAGCAAGATTTCTCACTATGTGCAATAGACACTTTGGCAGTGTGTGGCACAAAACCTTCGGACTCAAA
AAACGGATCAGTTTCCGCTTTTCTGATTATTATGGGAAAGCGATCATCTAATGAAGTGTGAATGTGAT
ACAAGGGAACACAACAGTAGATGAGTTAATGATGAGACTCATGGCTGCAATGGAGATCTTACAGCCCAA
CAACAGGAAGATATAAAGGACGAGGATGAACGTGAAGCCAGAGAAAATGTGAAGAGAGCAAGATGAGG
CCTATCGCTTTCACTTGAGGCTGACAGAGCAAAGAGGGAAGCTCACGAGAGAGATGGCAGAACAGTT
TCGTTTGGAGCAGATTCGCAAAGAACAAGAAGAGGAACGTGAGGCCATCCGGCTGTCTTAGAGCAAGCC
CTGCCTCTGAGCAAAGGAAGAAAATGCTGAGCCTGTGAGCAAACCTGCGGATCCGGACCCCAAGTGGCG
AGTTCTTGAGCGCGCTTTCCTGGCCAGCAACAAGCTCCAGATTGTCTTTGATTTGTAGCTTCAAAGG
ATTTCCATGGGATGAGTACAAGTTACTGAGCACCTTTCCTAGGAGAGACGTAACCTCAACTGGACCCAAAT
AAATCATTATTGGAGGTAAGGTTGTTCCCTCAAGAAACCTTTTCTTGAAGCAAAAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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: [NM_007051.3](#)

RefSeq Size: 2610 bp

RefSeq ORF: 1953 bp

Locus ID: 11124

UniProt ID: [Q9UNN5](#)

Cytogenetics: 1p32.3

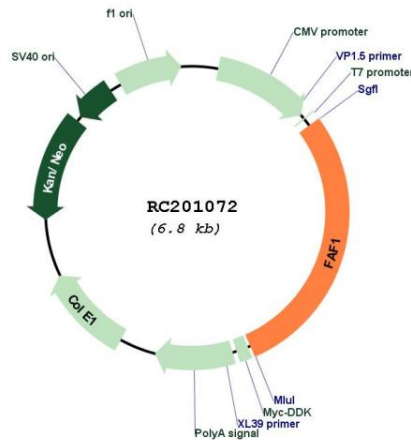
Domains: UBX, UAS

Protein Families: Druggable Genome

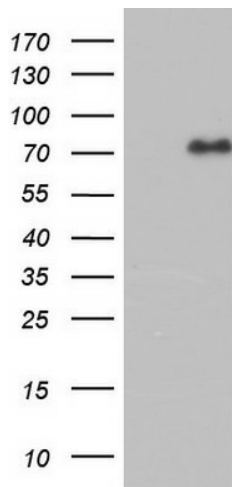
MW: 74 kDa

Gene Summary: 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]

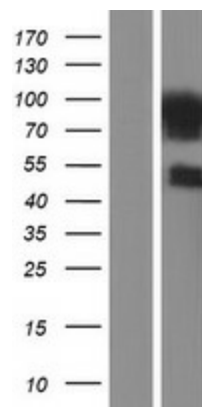
Product images:



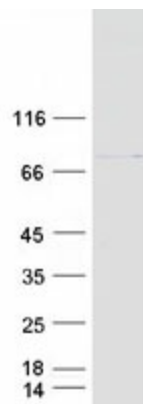
Circular map for RC201072



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FAF1 (Cat# RC201072, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FAF1 (Cat# [TA804154]). Positive lysates [LY416234] (100ug) and [LC416234] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY416234]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC201072 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified FAF1 protein (Cat# [TP301072]). The protein was produced from HEK293T cells transfected with FAF1 cDNA clone (Cat# RC201072) using MegaTran 2.0 (Cat# [TT210002]).