

Product datasheet for SC123213

FANK1 (NM_145235) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FANK1 (NM_145235) Human Untagged Clone
Tag:	Tag Free
Symbol:	FANK1
Synonyms:	HSD13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_145235 edited

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CATTTTCGCTCCGGGTTGTCAGGGCAACCGTAGCGACGCCCGCTGGCTGAGAGGCGTT
AGGAGTCCGGGGTTTCGCCCGCGGAGGCCGAGCCGACCATGGAGCCCCAGAGAA
TCATGCCACCCTCAAAGCCTCATCCACCTGTCGTGGGCAAAGTGACTCATCACAGCATTG
AATTATACTGGGATCTGGAAGAAAGCAACGCCAAGGACCTCAAGAGCAGTGGTTCA
GGTTCTCGATTGAAGAAGAAGACCCAAAATGCACACTTATGGTATCATTATACGGGAT
ATGCAACGAAGCATGTTGTTGAAGGTCTGGAACCAAGGACGCTGTACAGATTTTCGCTGA
AGGTCAACGAGCCCTCTGGGAGTGTGAGTACAGCCCACTCGTCTCAGTGTCTACAACCA
GAGAGCCCATAGTAGTGAGCACTTGACCCGGGCTGTCAGTGTGAATGATGAAGATTTGC
TGGTCCGAATACTTCAAGGAGGCCGTGTTAAGGTTGATGTTCCCAATAAGTTTGGCTTTA
CCGCTCTGATGGTTGCTGCCAGAAAGGATACACCAGGCTTGTGAAAATCCTAGTTTCTA
ATGGCACAGACGTGAATCTGAAGAATGGAAGTGGCAAGGACAGTCTAATGCTGGCGTGCT
ATGCGGGACACCTAGATGTTGTGAAATATCTCCGAAGACATGGCGCTTCTTGGCAGGCTA
GAGACCTGGGAGGCTGTACAGCTCTGCACTGGGCTGCAGATGGAGGCCACTGCAGTGTGA
TTGAGTGGATGATAAAGGATGGCTGTGAGGTAGACGTCGTGGACACTGGTTCAGGATGGA
CCCCACTCATGAGAGTCTCTGCGGTGTCGGGAAATCAGAGGGTGGCCTCTCTTCTAATTG
ATGCTGGGGCCAATGTGAATGTGAAGGACAGAAATGGAAGACGCCCTTATGGTGGCTG
TGTAAATAATCATGAAGAGTTAGTTCACTTCTTGACAAAGGGGCAGATGCAAGTG
TAAAAAATGAGTTCGGCAAAGGTGTCCTAGAAATGGCCAGAGTTTTTGACAGACAGAGTG
TAGTCTCCTTATTAGAAGAAAGGAAAAAAGCAGAGGCCAAAGAAGTCTTGTTGCTGCT
GATGAGAGCACCCTCATCTGCGAAACGACGTAACCAAGTGAACCGTGAAGTGTAA
CTAGGGATGGGAAATCTGCATCTTGGGGGCTGTACATTTATTTATTTAGTTGAAGATT
CACTGATCCCACTTTGAAATACATCTTTTACCTAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAA
  
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145235 unedited NAGATCTAGCATTTGTATACGACTTATATAGGCGGCCGCATAACTTCGTATAGCATACAT TATACTAAGTTATGGATCAAGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGCATTT CGCCTCCGGGTTGTCAGGGCAACCGTAGCGACGCCGCCCTGGCTGAGAGGCGTTAGGAG TCCGGGGGTTCCGCCGCGGAGGCCGGGAGCAGCCGACCATGGAGCCCCAGAGAATCATG CCACCCTCAAAGCCTCATCCACCTGTCTGGGCAAAGTGACTCATCACAGCATTGAATTA TACTGGGATCTGGAAAAGAAAGCCAAACGCCAAGGACCTCAAGAGCAGTGGTTCAGGTTC TCGATTGAAGAAGAGACCCCAAAATGCACACTTATGGTATCATTATACGGGATATGCA ACGAAGCATGTTGTTGAAGGTCTGGAACCAAGGACGCTGTACAGATTTCCCTGAAGGTC ACCAGCCCCTCTGGGGAGTGTGAGTACAGCCACTCGTCTCAGTGTCTACAACCAGAGAG CCCATAAGTAGTGAGCACTTGACCCGGGCTGTCAGTGTGAATGATGAAGATTTGCTGGTC CGAATACTTCAAGGAGGCCGTGTTAAGGTTGATGTTCCCAATAAGTTGGCTTTACCGCT CTGATGGTTGCTGCCAGAAAGGATACACCANGCTTGAAAAATCCTAGTTTCTAATGGC ACAGACGTGAATCTGAAGAATGGAAGTGGAAGGACAGTCTAATGCTGGCGTGCTATGCG GGACACCTAGATGTTGTGAAATATCTCCGAAGACTGGCGCTTCTTGGCAGGCTANAGACC TGGGAGGCTGTACAGCTCTGCACTGGGCTGCANNATGGAGCCACTGCANTGTGATTGAGT GGATGATAAAGGATGGCTGTGAAG
Restriction Sites:	Please inquire
ACCN:	NM_145235
Insert Size:	1400 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).
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_145235.2</u> , <u>NP_660278.2</u>
RefSeq Size:	1395 bp
RefSeq ORF:	1038 bp
Locus ID:	92565
UniProt ID:	<u>Q8TC84</u>
Cytogenetics:	10q26.2

Gene Summary:

Through the activation of JUN and AP-1-mediated transcription, may regulate apoptosis.
[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (2) has the same N- and C-termini, but is shorter than isoform 1.