

Product datasheet for **RC225774**

FBRS (NM_001105079) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Myc-DDK
Symbol:	FBRS
Synonyms:	FBS; FBS1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



ORF Nucleotide Sequence: >RC225774 representing NM_001105079
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGAGAAATATCCAGGAAAGATGGAAGGCCTTTCCGACATAATCCGTACACGGCCTTCCCTCCC
 CAGTGCCCGGGCTGCCTCCGGGCTCCCGCCGGCCGTCTCCTTTGGCTCCCTGCAGGGGGCTTCCAGCC
 CAAGAGCACGAACCTGAGCTGCCACCACGACTGGGGCCGGTGCCGAGCGGGCTCTCCAGAAAGGGGACA
 CAGATCCCCGACCATTTCCGGCCACCTTTGAGGAAACAGGGAAGTGGTGTGCCATGCACGTGCGTGTGG
 CTTACATGATCCTGAGACACAGGAGAAAAAAGGGGTGACTCCCAAGCTTGACTTTCGGAATGACCT
 CTTGCCCTGGCTTCCGGGGCCCTATGGGGCCCTGCCCTGGGCAGGAGCTCTCCACCCGGCCTCCCTC
 TTCACTGCGACTGGTGCCGTCCACGTGCAGCCAACCTTTACGCGAGCTCCGGGGGCCACGAGCCCT
 TCCTGAGCCCCAGCACCATTTGATCCCTTTGGGCGTCCCAAGCTTCGCTCTTTGGTGCCCTCTC
 CAACGGGGCTTTGGAGGCTGGGAGCCCCACATTCAACTCCGGCGCGTCTTTGCCAGAAAGAAAGC
 CCAGGGGGCCACAGCCTTCGCTCCCAACCGACCATGGGGCCGCTGCACCGCAGTCTCTGACCT
 TTCTGCTGGGTCCGGCCCCCTGAGGCCGCCGGACTCCAGGCTCAGACAAGGAGCGGCCTGTGGAGCG
 GAGGGAGCCCTCCATCACCAAGGAGGAGAAGGACAGGGACCTCCCTTCTCACGGCCCCAGCTCCGAGTT
 TCTCTGCTACTCCAAGGCCGGGCTGGTGAGGAGGGGCTCGGCCAACCAAGGAATCTGTGCGGGTAA
 AGGAAGAGCGGAAGGAGGAGGCTGCCGCCCGCTGCCGCTGCTGCTGCCGCCCGCTGCCGCCCGCCG
 AGCAGCCTAGGGGCCAGGGCCTTCACTGCTGTTTGAGAGGCCCGGCCGCCCGCTTTCTGGGCCCT
 AGCCCAACGATCGCTGTGCTGGCTTCTGGAGCAACCTGGTTGGCAGCACCCACGCTGGCAAGGC
 CACCCCGCTTCTATGAGCGGGTGAGGAGTAAGTGGACCGGGGCGTGGCCGCTGCCCGCTCTACGG
 TCTGGAACCTGCTCACCCCTTCTCTACAGCCGCTGGCTCTCCACCAACCTGCTGCGGCCCGGGGA
 ACCCTCACCTTCTCAGCAAGACCCACCGGGAGCCCTTTGGGGGACCACTCCGCTTGTGCCCGCC
 CCCGGCCAGTTCCCCACCTAGGGGCCCTGGCCAGCTCGGGCTGACAGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225774 representing NM_001105079
 Red=Cloning site Green=Tags(s)

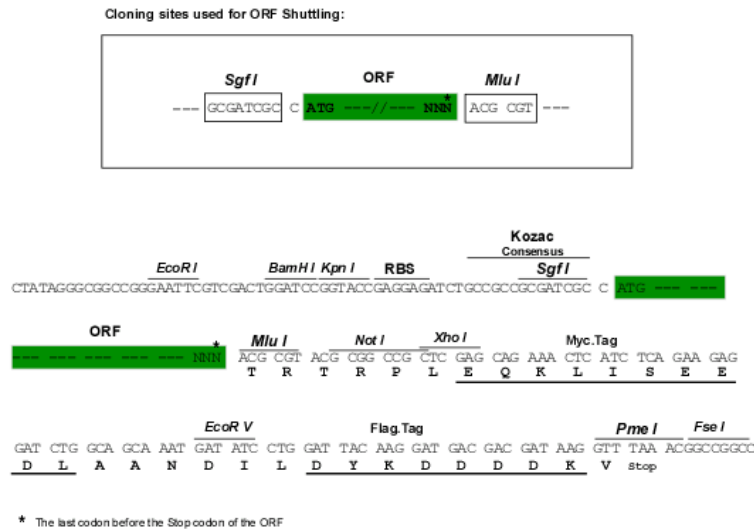
MFEKYPGKMEGLFRHNPYAFPPAVPGLPPGLPPAVSFGSLQGAFOPKSTNPELPPRLGPVPSGLSQKGT
 QIPDHFRPPLRKPGKWCAMHVRVAYMILRHQEKMKGDSHKLDFRNDLLPCLPGPYGALPPGQELSHPASL
 FTATGAVHAAANPFTAAPGAHGPFLSPSTHIDPFGRPTSFASLAALSNGAFGGLSPTFNSGAVFAQKES
 PGAPPAFASPPDPWRLHRSPLTFPAWVRPPEAARTPGSDKERPVERREPSITKEEKDRDLFSPRQLRV
 SPATPKARAGEEGPRPTKESVRVKEERKEEAAAAAAAAAAAAAAAAATGPQGLHLLFERPRPPFLGP
 SPPDRACGFLEPTWLAAPPRLARPPRYEAGEELTGPVAVAAARLYGLEPAHPLLYSRLAPPPPPAAAPG
 TPHLLSKTPPGALLGAPPPLVPAPRPSSPPRGPGRADR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8006_a02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001105079

ORF Size: 1380 bp

OTI Disclaimer: 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](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

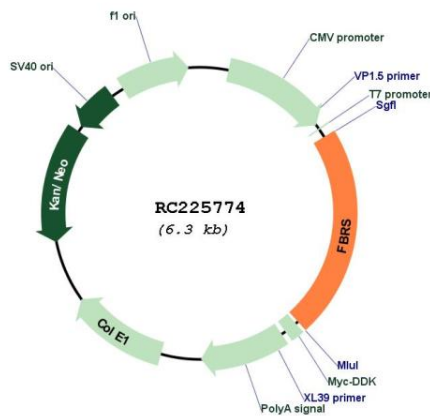
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001105079.1](#), [NP_001098549.1](#)

RefSeq ORF: 2943 bp

Locus ID:	64319
UniProt ID:	<u>Q9HAH7</u>
Cytogenetics:	16p11.2
Protein Families:	Secreted Protein
MW:	48.2 kDa
Gene Summary:	Fibrosin is a lymphokine secreted by activated lymphocytes that induces fibroblast proliferation (Prakash and Robbins, 1998 [PubMed 9809749]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RC225774