

Product datasheet for **RN206964**

Bfsp1 (NM_031555) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bfsp1 (NM_031555) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bfsp1
Synonyms:	115-kDa; CP94; CP95; CP97
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206964 representing NM_031555
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACCGCCGAGCTACGTCTTCCAGGCCGCCAGGAGCGCTACGAGCGCGCCAGCCCGGGCCCTA
 CCGCCCAACCCGAGGAACCGCGCCCGGCTGGCGGCGCTGCAGGCACTGGCGAGCGCGTGGCCGCCA
 GGTCCAGCGGGCCCGCGCTCCAGCAGCGCCACGCCGGCTGAGGCGGAGCTCTACGCTTCCAGCGC
 CTGGGCGAGCAGCCGGGCCGAGGAGCGCTTCCCGCCACGTGAGGCAATCTGCAGCGCGCCGGG
 ACCTGGCAGCCGAGCAGCGCGGCTGGAGAGGAGGAGGCGAGGCGCAGCGCGCTCGACGAGTCCG
 CAGCAAATACGAAATGAGTGTGAATGTCAATTGGTGCTAAAGGAAATGCTGGAACGGCTGAACAAGGAA
 GCTGATGAAGCCTTATTGCGTAACCTGCACCTTCAGTTGGAAGCCAGTTTCTGCAGGCAGATATCAGTG
 TGGCCAAGGACAGGTACAAAAGAATCTTCTGAAATTCAGACCTACATCACCATCTGCAGCAGATCAT
 ACAGACTGCTCCTCAAGTGTCCCTGGTCACGGGTGGGATGAGGGAGGAGAAGCTGCTCACAGAACGGGAA
 GTAGCTGCCCTGAGGAACAGCTGGATGAGGGCCGGGAGGAGTACCCACCTGCAGGCACAGAAAGCTG
 AGCTGCAGGCCAGACAACAGCCCTGGAACAAGCTATTAAAGCATGCTCATGAGTGTACGATGACGAGAT
 CCAGCTTTATAATGGGCAGATCGAAAACCTCCGGAAGGAGATAGAGGAGGCTGAGCGGTCTCTGGAGAGG
 TCGTCCTATGACTGCAGGCAGCTGGCTGTGGCCAGCAGACCCTGAGGAACGAGCTAGACCGGTATCATC
 GGATCATTGAGATTGAAGGCAACAGGTTGAGCTCCGTTTTATAGAGACTCCCATCTCTTTGATCACCCC
 AAGCCATGGGGCTCTCTCAGCCTTGGATCCAATGTGAAAGATCTTACCAGGGCTGTGCAGGATATTACA
 GCAGCTAAACCCAGACAGAAGGCCCTCCCAAGAGCCTTCCAAAAGAAAGGAGATTATAGCTCAAGATA
 AAGTGGACGAAACTCTGGAAGATGCACCATTAATAACTCTACAAGAGCCAAAGGCAGTGCAGGGGGAGCT
 TACAGGAGATGGAGACTCTCAGCTGGGAGCAGGGGGCGGACATGAAGTAAGTCCAACACAAGAAGCCGGT
 CCTGAGGACGTGCCAGATGGGAGCCAGATAAGCAAAGCCTTTGGGAAACTTTGCAAAGTAGTCAAAGAGA
 GAGTGAGCGGCCACAAAGAGCCTGTGCCAGAGCCACCCGCGGACCTTTCACCAAAGGACGGCATAACT
 GGTACAGGGGAATCTAGTTTTGTTGACCCGAGTTCTACTCCTCCTCCATCCCAGCTAGAGGTGGGGTG
 GTGTTTTCCATTGAGGAAGACTCTATGCATCATGATGGCCATGTGGAGCCCTCTCCTGGACGCCATGC
 CACCTGTGGAGAAATGGTCAGGGGTTCCCAAGGCGAGGAAGGTGCCACTCAAACCATCAACAGTTAC
 AGACAAGAATGGGATAAGAGCCAAGGAACCGAAAGATCTGGAGGAAAAAGATGATGACAGCAGGAAGGAC
 GATGAGGCGGGCAGGAGACCCTGCTGTGATCATACCTGGTCTGATGGACCATCTACGACCCATTAC
 AAACGTCTGGGTCCAATCAGGGTGGACCAGAGGGGCTGGGAGTAAGAGCAGTAGCTGTGGCCAAAGAG
 CCCTTCGAAGGCTTTGTCTTTAAGAAGGTAGAGGTGGTGAATCCATTGAGAAGATTTTCAGACAGAGAT
 ATTCAGACGTATGAAGAACTTCTGTAATTGTGGAGACGGTGATTGGGAAGACAAAGGTTAAACAAGAAAC
 CGGGAGAGAAGAGCTCCTCAAATGCCAAGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_031555
- Insert Size:** 1995 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: [NM_031555.1](#), [NP_113743.1](#)

RefSeq Size: 2132 bp

RefSeq ORF: 1995 bp

Locus ID: 25394

UniProt ID: [Q02435](#)

Cytogenetics: 3q41

Gene Summary: structural protein expressed only in the lens fiber cells which has a beaded filament structure [RGD, Feb 2006]