

Product datasheet for **RR209414**

Dysf (NM_001107869) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dysf (NM_001107869) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Dysf
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209414 representing NM_001107869
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCTGCTGCCTGCTGGCAAGGGCCAGCAACCTCCCCAATGTGAAGAAGGACCGGCCAGTGACCTG
TTGCCAGCCTGATTTTTCGAGAAGCCAAGATCCCACCTCCAGGAGGTCCTTGCCACCCCCAGCCTATCTGC
CAGCTTCAACGCACCTCTGCTGGACTCCAAGCAGCAACCCACAGGGCCCTCTGTGTCCTGCAGGTATCC
TACACACCGCCCCAGGAGCTGCGCCCTTGTTCACCACCCGCTTCCCTGGCACCGTCCCCAACACTGC
CTGACATGGACCTGGTGGCTGACACAGGAGGAGGAAGACACGGAAGACCAGGGCCTGACTGGAGATGA
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CAGTTCGAGGTCAGCATTGGAACTACGGAAACAAGTTTGACACCACCTGCTTGCCGTTGGCCTCTACCA
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 TGAAGTTCATCTTGTGGCGACGATTCCGGTGTGCCATCATCTCTTATCATCTCTTATCCTCTGCT
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ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence:

>RR209414 representing NM_001107869
 Red=Cloning site Green=Tags(s)

MLCCLLARASNLPNVKKDRRSDPVASLIFREAKIPLQEVLATPSLSASFNAPLLDSKQQPTGASLVLQVS
 YTPPPGAAPLFPASPASLAPSPTLPDMDL VADTGGEDTEDQGLTGDEAELFPDPSVAVGPGGPTTPKPP
 SHPPPHYPGGKRRSSAPPRKLLSDKPQDFQIRVQVIEGRQLPGVNIKPVVKVTAAGQTKRTRIQKGNP
 LFNELTFNVFDSPLELFDPIFITVVSRSRLTDALLGEFRMDVGTVYREPRHAYLRKWL LLDSDPDDFS
 AGARGYLKASLCLVLPDDEAPLDKDPSEDKEDIEGNLLRPTGVALRGAHFCLKLFRAEDLPQMDDAVMD
 NVKQIFGFDSNKNLVDPFVEVSFAGKMLCSKILEKTANPQWNQNTLPAFPMSPCKMRIRVMDWDRLT
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 LNTGKGEVAYRGRLLSLETKLVEHSEQKVEDLPADDILRVEKYLRRRKYSLFAAFYSATMLQDVEDAI
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 ADRLANLEQVHLALKAQCSSEVDALVAQLTDELLADCSQPLCDIHEIPSATHLDQYLFRLRSRHL SQI
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 SYCGRNCGNLQTI FLKYPMEGMPGPRMPVQIRIKLWFGLSVDEKEFNQFAEGLSVFASTYENQTLALV
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 GGQWIYMSDNYTDVNGEKVLPKDDIECPLGWKWEDEEWSTDLNRAVDEQGWESITIPPDRPKHWPVPE
 KMYTHRRRRWRLRRRDL SQMEALKKHRQAEAE GEGWEYASLFGWKFHLEYRKTDAFRRRRWRRRMEPL
 EKTGPAAVFALEGALGGMVDDKSEDSMSVSTLSFGVNRPTISCFDYGNRYHLRCYLQYARDLPAMDKDS
 FSDPYAIVSFLHQSKTVVEKNTLNPTWDQTLIFYEIEIFGEPASVAERPPSIVVELYDHDYGADEFMG
 RCICQPSLERMPRLAWFPLTRGSQPAGELLA AFELIQREKPAIHHPGFEMHETSRI LDEDEDLTPYPP
 PQREANIYMPQNIKPALQRTAIEILAWGLRNIKSQMASVSSPSLVVECGGQTVQSCVIRNLRKPNFND
 VCTLFMEVMLPREDLYCPPIVVKVIDNRQFGRRPVVGGQCTIRSLENFLCDPYSAESPSPQGGPDDVSLLS
 PGEDVLDIDDKLEPLIPVQEEEFIDWWSKFFASIGEREKCGSYLEKDFDTLKVYDTQLENVEAFGLSDF
 CNTFKLYRGTQEDTEDPSVIGEFKGLFKIYPLPEDPAIPMPPRQFHLAAQGPQECLVRIYIIRAFGLQ
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 EIEAGRLPNPHLGPVEERLALHVLQQQLVPEHVESRPLYSPLQPDIEQGLQMWIDIFPKVLGRPGPPF
 NITPRKARRFFLRCIWNTKDVILDDLSTGKMSDIYVKGWVGFEEHKQKTDVHYRSLGGEGFNWRF
 VFPFDYLPAEQVCAVAKKDAFWRLDKTESKIPARVVFQIWDNDFSFDDFLGSLQLDLNRMPKPAKTAEK
 CSLDQLDDTFHPEWVSLFEQKTVKGWVPCVTEEGAKKILAGKLEMTLEIVA ESEHEERPAGQGRDEPNM
 NPKLEDPRRPDTSFLWFTSPYKTMKFI LWRFRCAIILFII LFLILLFLGVFVYAFPNYAAMKLVKPFRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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:	<ol style="list-style-type: none">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_001107869.1, NP_001101339.1</u>
RefSeq Size:	6319 bp
RefSeq ORF:	6090 bp
Locus ID:	312492
Cytogenetics:	4q34
MW:	231 kDa