

Product datasheet for **RR202580**

Fbxo24 (NM_001107130) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fbxo24 (NM_001107130) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fbxo24
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR202580 representing NM_001107130
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGAGGAGAAGCCGGAGACAGAAGCTGAAAAAATTGACCAGGCTGTGCAGACAGGAGGAGGGGCTCA
 GGGTGAAGCGCAGCTGCCCTTCTTGTGGCTGGAGGCTGGAGGTGAAAAGAAGGAGAGAGGGAACCCAT
 TTCTGTTCAAGTTGTTCCCCAGAGCTGGTGAACACATCGTCTCCTCCCGGTCAAAGACGTGGTC
 GCCCTAGGCCAGACCTGCCACTTCCATGAAGTGTGTGACGCCGAGGGCGTGTGGAGGCAATATGTC
 GGAGGCTCAGCCACGCATCCGTGACCAGGGTCCGGCGCTCGGCCCTGGAAGAGAGCTGCCATTCTTAA
 CTATACGAAGGGCCTGTATTTCCAGGCTTTCGGAGGACGCCGCCGCTGCCTCAGCAAGAGTGTGGCCCC
 ATGCTAGCCCATGGCTACCGCCGCTTCTACCTACGAAGGACCACGTGTTCACTCTCGACTATGTGGGA
 CCCTCTTCTTCTCAAAAATGCTCTGGTGTCTCCACCCTTGCCAGATCCAGTGAAGCGAGCCTGCCG
 CTACGTGGTGTGTGCTGGTGGCAAGGATTTGCGTCCGACCCGAGATGCGACACGGTTTACCGGAAG
 TACCTCTATGTTTTGGCTACTCGGAACAGCAGGCAAGTGGTGGGCTCCACCGGTAGCCGGGCTGTGACT
 GTGTGGAGGTCTATCTGCAGTCCAGTGGGACGGGCTTCAAGATGACATTCCACCCTCCATGAGCTT
 CAAGCAGATCGTGTGGTGGCCAGGAGACCCAGCGGGCCCTACTGCTGCTCACAGAGGAAGGGAAGATA
 TACTCTTTGGTTGTAACGAAACCCAGCTGGACCAGCCGCGCTCTATACAGTGCAGTTGGCCCTCAGGA
 AGGTGTCTCGATGCCTGCCTCACCTGCGCGTGACTGCATGGCTTCAACCAGAGCAGCACCCCTCTAT
 CACGGACCAGGGGGAGTATATTTGAGGTGCACACCCAGGGGTGTATCGTGATCTCTTTGGGACCCTT
 CAAGCCTTTGACCCTCTGACCACCAGATGCCGCTTGTCTCTCCCTGCCAAGGCTCCTCTTCTGCG
 CTCTTGGCTATAACCATCTTGGCTGGTAGATGAGTTTGGCCGAATCTTATGCAGGGAAATAACAGATA
 CGGGCAGCTGGGAACGGAGACAAAATGGACCGAGGGGAACCCACGCAGGTTCACTATCTGCACCGCCC
 ATTGCCCTGTGGTGGCCCTCAACCATTCTTGGTGTGAGTGCAGACCTCGGATTTAGCAAGGAGCTGC
 TGGGGTGCAGGCTGTGGGCGGAGGCGCTTCTCTGGCTGGCCCAAGGGGAGTGCCTCCTTTGTCAAAC
 GCACATCAAGGTCCCCTTGTGTGCTGCTCCCTGCTCCACCAGAGAGTGTCTCTATATGCTGTCCAGC
 CACGACATCGAACAGTGCCTGCCTATCGAGACCTGCCAGCCAGCAGGGTGGGAGGGAGCCCTGAACCTA
 GTCAGGGGGTGGAGCCCCCAAGACCTGGGGGAACAGCCAGGCTGTGAGGAGTACCTCAGCCAGAT
 CCACAGTTGCCCCAGTGCAGGACCGGATGGAGAAGATGAAGGAGATTGTGGGCTGGATGCCCTTGATG
 GCTGCCAGAAAGATTTCTTCTGGGAGGACTGGACATGTTGCAGAGGGCTGCTAGCGGGGTGGTCCAG
 GCACCTCCACCCCTGAGAGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR202580 representing NM_001107130
 Red=Cloning site Green=Tags(s)

MVRRSRRQKLKLLRLCRQEELRVKRSRCPSCGLEAGGEKKERGNPISVQLFPPELVEHIVSFLPVKDVV
 ALGQTCYHFHEVCD AEGVWRRICRRLSPRIRDQSGARPWKRAAILNYTKGLYFQAFGRRRCLSKSVAP
 MLAHGYRRFLPTKDHVFILDYVGTLLFLKNALVSSTLQGIQWKACRYVVLCRGAKDFASDPRCDTVYRK
 YLYVLATREQQAVVVGSTGRACDCVEVYLQSSGQRFVKMTFHHSMSFKQIVLVGQETQRALLLLEEGKI
 YSLVVNETQLDQPRSYTVQLALRKVSRCLPHLRVTCMASNQSSSTLYITDQGGVYFEVHTPGVYRDLFGTL
 QAFDPLDHQMPLALSLPAKVLFCALGYNHLGLVDEFGRIFMQGNRYGQLGTGDKMDRGEPTQVHYLHRP
 IALWCGLNHSVLVLSQTSDFSKELLGCGCAGGRLPGWPKGSASFVKLHIKVPACSLCSTRECLYMLSS
 HDIEQCPAYRDLPASRVGGSPSPQAGAPQDPGGTAQACEEYLSQIHSCPTLQDRMEKMKIEVWMLPL
 AAQKDFWEALDMLQRAASGGPGTSTPES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

ORF Size:	1770 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:	<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:	NM_001107130.2 , NP_001100600.2
RefSeq Size:	2095 bp
RefSeq ORF:	1773 bp
Locus ID:	304374
Cytogenetics:	12q12
MW:	65.9 kDa