

Product datasheet for **RR214189**

Scube1 (NM_001134884) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Scube1 (NM_001134884) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Scube1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214189 representing NM_001134884
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCGCGGCCGCGTGCCTGGCACTTGTGCCTGCTGCTCGCTCTGGGAGCGCGAGGGCAGCTGGTGG
GGGGCAGCGGGCTGCCAGGAGCCGTGGATGTGGATGAGTGCTCAGAGGGCACAGATGACTGCCACATAGA
TGCCATCTGTGAGAACACACCAAGTCTTACAAATGTCTCTGCAAGCCGGGCTACAAGGGGAAGGGAAG
CAGTGCAGAACATCGATGAGTGTGAGAATGACTACTACAACGGGGCTGTGTCCATGACTGCATCAACA
TCCTGGGAACACTACAGGTGCACCTGCTTTGACGGCTTCATGCTGGCCACGATGGACACAACCTGTCTGGA
TGTAGATGAGTGCCAAGACAACAACGGTGGCTGCCAGCAGATCTGTGCAATGCCATGGGACGATGAG
TGCCAGTGCCACAGCGGCTTTTTCTCAGTGACAACCAACACACCTGCATACACCGCTCCAACGAGGGTA
TGAAGTGCATGAACAAAGACCATGGCTGTGCCACATCTGCCGGGAGACGCCAAAGGTGGGGTAGCCTG
TGACTGCAGGCCCGGCTTTGACCTTGCCAAAACCCAGAAGGACTGCACACTAACCTGTAACATGGAAC
GGAGGCTGTGACACAGCTGCGAGGACACGGACACGGGCCCATGTGTGGCTGCCACCAGAAGTACGCC
TACACGCCGATGGTCCGACGTGCATCGAGAAGGATGAGGCTGCAATTGAGCGCTCTCAGTCAATGCCAC
GTCAAGTAGCTGATGTGGACAAGCGTGTGAAACGGCGGCTCCTCATGGAGACGTGTGCGGTGAACAACGGA
GGCTGTGACCGGACGTGTAAGGACACTGCCACCGCGTGAGATGCAGCTGCCAGTTGGATTACCGTAC
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TGCCAAGACATTGACGAGTGTTCCTTTGAGCGGACCTGTGACCACATCTGCATCAACTCCCCGGCAGCT
TCCAGTGCCTGTGTCACCGAGGCTACATACTCTACGGGACAACCACTGCCGAGACGTGGATGAGTGCAG
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GAAGGATACCCTGAGGCATCCCCTTTTAGACAACCTGCCACGTGACTTTCGTGACCCTCAAGTGGACTCC



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TCCAAGAAGAGGCGTCGAGGCCGCAAGTCCCCCTCCAAGGAGGTGTCCACATCACGGCAGAGTTTGAGG
 TAGAGATGAAGGTGGAAGAGGCCTCAGGCTCCTGCGAAGCAGACTGCATGCGGAAGCGTGCCGAGCAGAG
 CCTGCAGGCTGCCATCAAGACTTGCAGGAGTCCATCGGCCGGCACCAGTTCTACGTCCAGGTCTCCGGC
 ACTGAGTACGAGGTGGCCAGCGGCCAGCAAGCACCAGGGGACCGGGACATGTGGCATAGGCCAAA
 TACTACAGGATGGCAAGTGTGTACCATGTCTCCTGGCACCTACTTCAGTAGTGAGCCAGGCCAATGCGT
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 GGGCTGGGTCTGGCTGGTGCCCGCAAGTATCCGAATGTGGAGGCCAGTGTCTCCAGGCTTCTTCTCAG
 AGGATGGGTTCAAGCCTTGTGAGGCCTGCCTGTGGGCACATACCAGCCTGAGCCTGGGCGTACCGGCTG
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 TCCCCAACTACCCTGGAGACTACCAGCAATGCGGAGTGTGTGGCACATTGCGCCTCCCCCAAGC
 GCAGGATCCTCATTGTGGTCCCTGAGATCTTCTGCCATCGAGGATGAGTGTGGCGATGTTCTGGTCAT
 GAGGAAGAGCGCCTCGCCACGTGAGTACCACCTATGAGACGTGCCAGACCTACGAGCGCCTATCGCC
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 AAGTGCCTACGTACCTATGACGAGGACTACCAGCAGCTAATAGAAGACATCGTGCGCGATGGGCGCTT
 GTATGCCTCGGAGAACCATCAGGAGATTTTGAAGACAAGAAGCTGATCAAGGCCCTCTTGTATGTGTTG
 GCACACCACAAAACCTTCAAATACACAGCCAGGAGTCAAAGGAGATGTTCCCCCGTCTTTATCA
 AACTTCTGCGTTCCAAAGTGTCTCGGTTCTGCGGCCCTACAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR214189 representing NM_001134884
 Red=Cloning site Green=Tags(s)

MGAAAVRWHLCLLLALGARGQLVGGSGLPGAVDVDECSEGTDDCHIDAICQNTPKSYKCLCKPGYKGEKG
 QCEDIDECENDYNGGCVHDCINIPGNRYRCTCFDGFMLAHDGHNCLDVDECQDNNGGCQQICVNAMGSYE
 CQCHSGFFLSDNQHTCIHRNNEGMNMCNKHGCAHICRETPKGGVACDCRPGFDLAQNQKDCTLTCNYGN
 GGCQHSCEDTDTGPMCGCHQKYLHADGRTCEIEKDEAAIERSQFNATSVADVDRVKRRLLMETCAVNNG
 GCDRTCKDTATGVRCSPPVGFLLQPDGKTCKDINECLMNNGGCDHFCRNTVGSFECGQKGHKLLTDERT
 CQDIDECSEFERTCDHICINSPGSFQCLCHRGYILYGTTHCGDVDECSMNNGSCDQGCVNTKGSYECVCP
 GRRLHWNKDCVEMSGLSRSKASQAQLSCGKVVGVENCFLSCLGQSLFMPDSETSYILSCGVPLQGK
 APPKRNGTSSVGPSCDAPTTPIRQKARFKIRDAKCHLRPRSQRERAKDTRLRHPLLDNCHVTFVTLKDS
 SKKRRRGRKSPSKEVSHITAEFEVEMKVEEASGSCEADCMRKRAEQLQAAIKTLRKSIGRHQFYVQVSG
 TEYEVAQRPAKAPEGTGTCGIGQILQDGKCVPCAPGTYSSEPGQCVPCVSGTYQDMEGQLSCTPCPSSE
 GLGLAGARNVSECGGQCSGFFSEDFGKPCQACPVGTYPPEPGRGTGCFPCGGGLLTKQTGTASFQECEAK
 VHCSPGHYNTTTHRCIRCPVGTYPQEFQNHICISCPGNTSTDFDGSTNVTHCKNQHCGGELGDYTYIE
 SPNYPGDYPANAEVWHIAPPKRRILIVVPEIFLPIEDECGDVLVMRKSASPTSVTTYETCQTYERPIA
 FTSRSRKLWIQFKSNEANSKGQVQVYTYDEYQQLIEDIVRDGRLYASENHQEILKDKKLIKALFDVL
 AHPQNYFKYTAQESKEMFPRSFIKLLRSKVSRLFRLPYK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

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_001134884.1 , NP_001128356.1
RefSeq Size:	4237 bp
RefSeq ORF:	3057 bp
Locus ID:	315174
Cytogenetics:	7q34
MW:	111.5 kDa