

Product datasheet for **RC207074**

REXO1 (NM_020695) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	REXO1 (NM_020695) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	REXO1
Synonyms:	EloA-BP1; ELOABP1; REX1; TCEB3BP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC207074 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTACGCTCCACTGGCTTCTTCGGGCCATTGACTGCCCTATTGGTCTGGGGCGCCCGGGGGCCCT
GCCGGCGGCCCTACTGCCACTTCGGGCACCGGGGCCCGGGGCCCGGGCGCCCGGTACGGCGGAGA
GGCGCCCCCGCAGCAGGGCTGGTTACGACCCCTACAACCTGAGCTGCCAAGCCCCCGCGCAGAGG
GAGAATGGCACCTGGGCTGGGGAGGAGCCGCGCCCGATGTGCTGGAGTTGGAGCTGGTCAACCAGG
CCATCGAGGCCGTGCGCAGTGAGGTGGAGCTGGAGCAGCGCGCTACCGGGAGCTGCTGGAGACGACCCG
TGAGCACCGCTCCGCCGAGGCCCGCCCTGGCGCCCGCGGCCCAACGCCAGCCCACTGTGGGCCCG
GACGAGGATGCCTTCCCACTGGCCTTCGACTACAGCCCCGGCAGCCACGGCTATTAAGCCCTGATGCCG
GCTACCGCCACCCCACTGGCCGCCCTGCCGAGCCGGCAGCAAGTACTCGCTGGCGTCCCTGGACAG
GGGTACGGGCAGAGGTGGAGGGGTGGCGGTGCCCTGGAATACGTCCCCAAGGCTGTGAGCCAGCCCCG
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ATGACCTCTCTCAACTACTCGGCCGGCACCTCAGCAGGGCCAGCTCCCGGATGAGCGGGCCGCCAA
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AGTTGCGATGCAAGTTCTCAGACTCAGAAGATGAGGCCGCCACGGTCCAGGTAACGAGCCACACCG
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GAAAACCAAGAAGAAAAAACCGGGGCCACCTGCCCCAGCTGCAAAGACGGGGCCAGGGGAAGGA
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AGCAGCCCCCGCGCAAGGCAGAGCGGCCGAAGGACCAAGAAGAAGCCATCTTCGGCCACTCCTGTGG
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GGCGGCCGCGAGAGGCCACCCGCCCTCCAGTGCCGACAGGAAGAGACCAAGGCCCGTCGGG



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AAGCTAGTGGAGCGGAAAGCCCGCTCACTAGACGAGGGCGCTCCCAGGACGCCCCAAGCTGAAGAAGC
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Protein Sequence: >RC207074 protein sequence
 Red=Cloning site Green=Tags(s)

MLRSTGFFRAIDCPYWSGAPGGPCRRPYCHFRHRGARGPGAPGDGGEAPPAAGLGYDPYNPELKPAPQR
 ENGTGLGLGEEPRPDVLELELVNQAIEAVRSEVELEQRRYRELLETTREHRSAPALAPRGPNASPTVGP
 DEDAFPLAFDYSPGSHLLSPDAGYQPTLAAPAEPSKYSASLDRGQGRGGGGGALEYVPKAVSQPR
 RHRSPVPSGKYVVDNSRPPTDLEYDPLSNYSARHL SRASSRDERAAKPRGSRGSEPYTPAPKKLCDPFG
 SCDARFSDSEDEAATVPGNEPTTASTPKARADPEIKATGQPPSKEGLEAEGGGLRETKETAVQCVDGLQ
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 AQRASASLLQAPARLAEKSPSVHISAPGEKRRIAHIPNRLAAAPTGAARTLAASGSQPSNGPEPGGQQL
 KTRTSLGMSKTTTTIIPKRIASPSLQSLKKPIIPKEFGKVPTVIRQRYLNLFIIECLKFCTSNQEI
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 RPSSPRVEDLKGAALYSRLREYLLTQDQLKENGYPFPHPERPGGAIIFTAEKRPKDSSCRTCCRCGTEY
 LVSSSGRCIRDEECYHWGRLRRNRVAGGWETQYMCCSAAAGSVGCQVAKQHVQDGRKERLEGFVKTFEK
 ELSGDTHPGIYALDCMSYTTYGLELTRVTVDTDVHVVDYTFVKPDNEIVDYNTRFSGVTEADLADTSV
 TLRDVQAVLLSMFSADTILIGHSLEDDLALKVIHSTVVDTSVLFPRLGLPYKRSLRNLADYLRQIIQ
 DNVVDGHSSSEDAGACMHLVIWKVREDAKTKR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6859_e11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

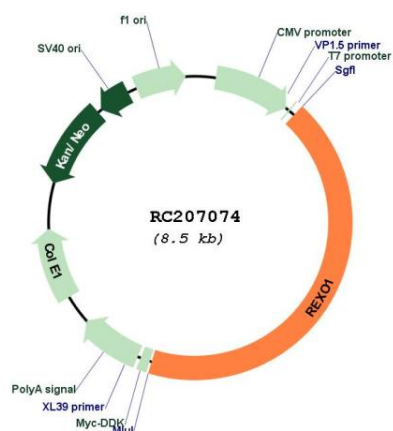


ACCN: NM_020695

ORF Size: 3663 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_020695.1
RefSeq Size:	4581 bp
RefSeq ORF:	3666 bp
Locus ID:	57455
UniProt ID:	Q8N1G1
Cytogenetics:	19p13.3
MW:	131.5 kDa
Gene Summary:	Seems to have no detectable effect on transcription elongation in vitro.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC207074