

Product datasheet for **RG223568**

CRIPAK (NM_175918) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	CRIPAK
Synonyms:	FLJ344443; MGC150528
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG223568 representing NM_175918
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCATGAGCCCTCGTTTGTGCCAATGTGGAGTGCCCGCCTGCTCACACGTGCCCATGTGGAGTGCCCG
 CCTGCTCATGTGCCCATGTGGAGTGCCCGCCTGCTCACACATGTCGATGCGGAGTGCCCGCCTGCTCACA
 CATGCCCATGTGGAGTGCCCGCCTGCTCACACGTGCCCATGTGGAGTGCCCGCCTGCTCACACACGTGTC
 CATGTGGAGTGCCCGCCTGCTCATGTGCCATGTGGAGTGCCCGCCTGCTCACATGTGCCGATGTGGAGT
 GCCACCTGCTCACACAGTGCCCATGTGGAGTGCCCGCCTGCTCACGTGCCCATGTGGAGTGCCCGCCTG
 CTCACACGTGCCGATGCGGAGTGCCCGCCTGCTCACACGTGCCATGCGGAGTGCCCGCCTGCTCACACG
 TGCCCATGCGGAGTGCCCGCCTGCTCACACGTGCCATGCGGAGTGCCCGCCTGCTCACACGTGCCGACG
 TGGAGTGCCCGCCTGCTCACACGTGCCATGTGGAGTGCCCGCCTGCTCACACGTGCCAACGTGGAGTGC
 CCGCCTGATCACACGTGCCATGTGGAGTGCTGCCTGCTCACACGTGCCGATGTGGAGTGCTGCCTGC
 TCACACGTGCCATGTGGAGTGTCGCCTGCTCACACGTGCCGATGCGGAGTGCCCGCCTGCTCACACGT
 GCCGATGCGGAGTGCCCGCCTGCTCACACGTGCCATGTGGAGTGCCCGCCTGCTCACGTGCCGATGTGG
 AGTGCCCGCCTGCTCACACGTGCCATGTGGAGTGCCCGCCTGCTCACGTGCCGATGTGGGTGCCCGCC
 TGCTCATATGTGCCGATGTGGAGTGCCCGCCTGCTCACAGTGCCCATGTGGAGTGCCCGCCTGCTCACA
 CGTGCCGACGTGGAGTGCCCGCCTGCTCACGTGCCATATGGAGTGCCCGCCTGCTCACACGTGCCATTG
 TGGAGTGCCCGCCTGCTCACACATGCCGATGTGGAGTGCCCGCCTGCTCACACGTGCCATGTGGAGT
 GCCCGCCTGCTCACACGTGCCTATGTGGAGTGCCCGCCTGCTCACACAGTGCCCATGTGGAGTGCCCGC
 CTGCTCACACGTGCCATGTGGAGTGCTGCCTGCTCACACAGTGCCCATGTGGAGTGCCCGCCTGCTC
 ACACAAAGCCCTGGCATGGTGGTTCTGTAGTTTCTGTCTGCCGCGCGAGTCAGACGCTGTTACCGTA
 CATTCTACTCATGGTGGCTTTTAATACGTTTTATGTCAAGGATCCCTTTTATATTCTCTGCACCTCG
 AGATAACG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG223568 representing NM_175918
 Red=Cloning site Green=Tags(s)

MHEPSLCANVECPAHTPCGVPACSAHVECPAHTCRGVPACSHMPMWSARLLTRAHVECPAHTRV
 HVECPAHVPMWSAHLITCADVECHLLTHVPMWSARLLTGPCGVPACSHVPMRSARLLTRAHAECPPAHT
 CPCGVPACSHVPMRSARLLTRADVECPAHTPCGVPACSHVPTWSARLITRAHVECSAHTCRGVPAC
 SHVPMWSVRLLTRADAECPPAHTCRGVPACSHVPMWSARLLTCRGVPACSHVPMWSARLLTCRGVPAC
 CSHVPMWSARLLTRAHVECPAHTCRRGVPACSAHMECPAHTCHCGVPACSHTCRGVPACSHVPMWS
 ARLLTRAYVECPAHTRAHVECPAHTPCGVPACSHTCGVPACSHKALAWWFCRFPVLPAESDAVT
 HSTHGGLIRFYVKDPFYISLHLEIT

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM_175918

ORF Size: 1338 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

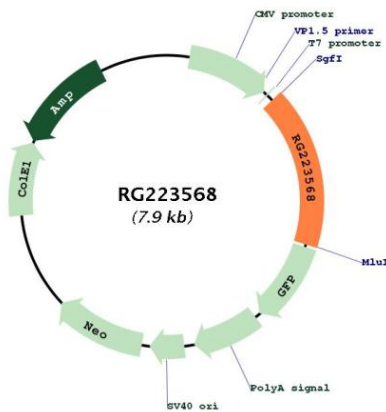
The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in 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:	<u>NM_175918.2</u> , <u>NP_787114.1</u>
RefSeq Size:	4467 bp
RefSeq ORF:	1341 bp
Locus ID:	285464
Cytogenetics:	4p16.3
Gene Summary:	DISCONTINUED: This record has been withdrawn by NCBI, after discussions with CCDS collaborators. It was decided that this locus is not an independent gene.

Product images:



Circular map for RG223568