

Product datasheet for **SC318446**

CRYBG3 (NM_153605) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	CRYBG3
Synonyms:	DKFZp667G2110; VIAKAP
Vector:	<u>pCMV6 series</u>



Fully Sequenced ORF:

>NCBI ORF sequence for NM_153605, the custom clone sequence may differ by one or more nucleotides

ATGCCAGATTTTCAACCTGGGATACCACAGTAAGACTAGACAAAAGAATGTCTCTTACT
 GCAATATATGACAAGAGGAGAGACAGATTATAGTGACAAAGGATATAATTTAGCTTTT
 GTTCTCAAGATGAACAAGAAATTCTTCTTTACTATATTATACGAAGAGCCCTTCAA
 GAGGAGGACAAGTATGCTTCCGCAGAAGCAAGACAAACACAGTCTGTCTTGTTCATGAT
 ACGTCCGCTGACAGCATGCCTGTTCTGGCATGTGAAAGGTCTGAGAGTAGAACTGACCTT
 GTCCATCACTTTGAAAAAGGTACTAAATTAGGTGAGACATTTGATAGTGATAGTTCAGAA
 ATGTTCTTATCAGTGGAGGCCAAAAGGTACAAAATTTATCCTTTAGCATTGTCTCCATT
 TATGAGGATGACAGCTCACAGGAGGACATTCTATCTAGTGAGGTTTCACCTGGTCACCAT
 GGCCCCAGGAAATCAAGAGACAGTGAACCAAGTCTCTTCTGTTTTATCCCTTCTCCAG
 TCAGTGTGAGAACGTTTAAAGATGAATTTTGATGAAGATGACAGAGAGGCAGCTGATGAG
 GAAGAAGAGGAGGAGGAGGCAGCAGTATTGCATAAAGGAGATCTGAGAGCTGGAAGTGGG
 GAGCGTGTTACCTTCCAGTTGCCAGATCCTTCCATCACATTTTACCCTGATGACCAGGAG
 AGCGTTGGAATTTCTAAGAATTCATATGTGATGCCAAATGAACCTACTACCTCCAATCTG
 CAAGTTGGTCTGTGGCCAGAAAAGACCTCGTTTCTCCAGAAATCTGACCTTACTTCTAAA
 CTACATTCTTCTTTAAAGAGTGCTTATCATCAGTATCTGCAGACTTCCCAAAGTCATTCC
 TCAGAAAAAGGAGCCAGATTTGGTGGAAATTTTCAGGAACCAAGTGTCAAATATTTCCGT
 GTTCAAGACAGCCAGGCAGATTGAGCCCATTTATAGAGAATGTTGACAAACAACTCTG
 AGATGTAACCCAAGACCTGGGAAGATGGTTATCTATGATCTCCATGAAAGTACATATAAA
 CAAGAAGTCTACTGTAATATTCCTGATGCTACATCATGGTCTTTTCCAAATGGAGTTCTA
 AAAAAAGTTGTAAGGGGCTGCTGGATTTTATATGAGAAACCACATTTCCGAGGTGAGAAA
 TGTGTGCTAGAAGAAGGGGAAAAGGTGTTAAATCGTGACTGGATTCTTCAGAACAGAAGG
 CATCCACAAAGAACTTTATATTGGGTTCTCTCAAACGTGTCTTAAAGGACTGCAGCATT
 CCAGAAATAGAGCTTTTCCCAATCTGACCCAGCCTGTTGTCTGTCTACATACAGAGA
 GCAGTCCCCAATTTGGAAGAACTGAATATCTCCAAATCTGTGTCCTTCACTGTGAAGTCA
 GGAGTTTGGCTTGCCTACCCAGATATTAATTTTAAGGGACAAGCTACAGTTCTGGAGGAA
 GACCATGGGCTCTTTGAGATTTCTACAGCAGAAATGAAATCATTACATCCGCTTCAAATG
 GGTGGACTGAAAGTGGAAATGCCATGAACTTAAAGGTTATTATTTATGAAAAACCTCAC
 TTCCATGGACAGGCTAAAGAGTTTAGTGAACATATAGATTCTGTTCTAATTTTTTGA
 AATAATGGAGATTTTACAGAATTGGATCAATTCGTGTCATTGGTGGAGTGTGGTTGCC
 TATGAAAAAGAACATTTTAAAGGCCAGCAGTTTCTGCTTGAAGAAGGAGACTTTGAAGAC
 AGTAATGCTTGTGTGCATTAAGTAGCCCTATCTTGTCTTTCCGGTACTTACAAGCTAAT
 TTTATAGAATCTTCTGTACACTATTTGAATCTGACCTAGAAAAGTGGGAAGTTATTGAC
 ATTACAAATCAGGAAATTTCTGATTTGGAAGAAATGGCTTTGGCAGTAAAACAAGATCC
 ATTCATGTTAAAAAGTGGAGTATGGGTTGCCTACCAGCAAAAAGTTCTTCTGTGGAGAACAA
 TACATTTTAAAAAGGAAATACAAATGCTTTTGTGACTGGGAGGATCAAATAATATA
 ATCATGTGATACGGCCAATCCAACCTGGAACCACTGGGATAAATGAACCTCCGATTTG
 CTCAAAGCATTAGCAAAACAGGGTTCCAAGGTGAATGTATAGATTTTACAGAAGAACT
 TCTGATTTGACTTCACTCATGCCATGTTCTTTTAAAGTTCTTCGAGGTTGCTGGCTCCTC
 TATTACCAAGAAGACATGTTTGTAACTCACTGTGTGTTAGAAGAAGGCCTCTATGCTGAC
 CTTACTTCTGCGGTTGCCAGCATCTAAAGTCAAATCTCTCAAGCCCATTGACTATGTT
 TTTGAAGAACCCTCCATCAGCCTTTTTGCTCTGGAGCATTGTGAGGGAAGAGAGTTACAT
 CTAGAAGAGGCTGTGAACCTCTGTTCTGAACAAGGACCTACACTTCTACCCCACTCTGTG
 TGGGTAAGAAGTGGACTATGGATAGCTTATGAAGGATCCAATTTCTTGGGAAGACAAATC
 TACTCAGGCCTAATGAGATCCCAACTGGACAGCATTACAGCAGATGGAACAATGGT
 TCCCTCCGTCTATGAAGCAGCCTGCAGTGTACATCAGAATAAAGAACCGTGCCAGGGT
 GAATATCTGACAGTCACTGGAAGTCTAGCAGACACCAGGGCAACATCTGTGTGCAATTCT
 CCCTATAGTGGAAAGAATACTCAGATCTGGTACTACTGCCGAGGACTCTTTAAATCCAAG
 GCCAGTGATACATGTTGATGTGATTGGTGGCCGGGACACACCTGGAGCTAAAGTAGCT
 CTATGGACTGAACATGGGCAATTCAGGCAGAAGTGGAGACTGAATAAAATGGAATATC
 AGCTCTTATCTCAGTGATCAACTTGTCTTGATGTTAAAGGAGGAAATTTATGTGACAAG
 ACTCATGTAATTGTAAATCAGCCCCTGGAGGGAGAAGAAACACAGAAATGGGACATTGAA
 ATATTG

Restriction Sites:	Please inquire
ACCN:	NM_153605
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_153605.2 , NP_705833.2
RefSeq Size:	10767 bp
RefSeq ORF:	3069 bp
Locus ID:	131544
UniProt ID:	Q68DQ2
Cytogenetics:	3q11.2
Domains:	RICIN, crystal
Gene Summary:	Isoform vIAKAP: Anchoring protein that mediates the subcellular compartmentation of protein kinase A (PKA).[UniProtKB/Swiss-Prot Function]