

Product datasheet for **SC123564**

CRABP1 (BC022069) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRABP1 (BC022069) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRABP1
Synonyms:	cellular retinoic acid-binding protein 1; cellular retinoic acid binding protein 1; CRABP; CRABP-I; CRABPI; RBP5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC022069 edited AGCGGAGTCTCCGCCTTGCGAGCTCAGAGTGTGCCCGCTGCGCCGCCGCTGTCCATACCT GCCGCCGCCGCCACCGCCACCATGCCAACTTCGCCGGCACCTGGAAGATGCGCAGCAGC GAGAATTCGACGAGCTGCTCAAGGCACTGGGTGTGAACGCCATGCTGAGGAAAGTGCC GTAGCGGCTGCGTCCAAGCCGCACGTGGAGATCCGCCAGGACGGGGATCAGTTCTACATC AAGACATCCACCACGGTGCGCACCACTGAGATCAACTTCAAGGTCGGAGAAGGCTTTGAG GAGGAGACCGTGGACGGACGCAAGTGCAGGAGTTAGCCACTTGGGAGAATGAGAACAAG ATCCACTGCACGCAAACTCTTCTGAAGGGGACGGCCCCAAAACCTACTGGACCAGTGAG CTGGCCAACGATGAACTTATCCTGACGTTTGGCGCCGATGACGTGGTCTGCACCAGAATT TATGTCCGAGAGTGAAGGCAGCTGGCTTGCTCCTACTTTCAGGAAGGGATGCAGGCTCCC CTGAGGAATATGCATAGTTCTGAGCTGCCAGTGGACCGCCCTTTCCCTACCAATATT AGGTGATCCCGTTTTCCCATGACAATGTTGTAGTGTCCACACCACCCCCAGGCC TTGGTGCCTTTGTATCCCTAGTCTCCATAGTTTGGCATTTCACGGTTTCGAAGTCAT TAAACTGGTTAGACGTGTCGCAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for BC022069 unedited AAAAAGCTCGGATTTGTAACCCTTCTATAGGCGGCCGCATAACTTCGTATAGCATACA TTATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGTC TCCGCCTTGCAGCTCAGAGTGTGCCCGCTGCCGCCGCTGTCCATACCTGCCGCCGCC GCCACCGCCACCATGCCCACTTCGCCGGCACCTGGAAGATGCGCAGCAGCGAGAATTC GACGAGCTGCTCAAGGCACTGGGTGTGAACGCCATGCTGAGGAAAGTGGCCGTAGCGGCT GCGTCCAAGCCGACGTGGAGATCCGCCAGGACGGGGATCAGTTCTACATCAAGACATCC ACCACGGTGCACCCACTGAGATCAACTTCAAGGTCGGAGAAGGCTTTGAGGAGGAGACC GTGGACGGACGCAAGTGCAGGAGTTTAGCCAATTGGGAGAATGAGAACAAGATCCACTGC ACGCAAACCTTTCTTGAAGGGGACGGCCCCAAAACCTACTGGACCAGTGAGCTGGCCAAC GATGAACCTATCCTGACGTTTGGCGCCGATGACGTGGTCTGCACCAGAATTTATGTCGA GAGTGAAGGCAGCTGGCTTGCTCCTACTTTCAGGAAGGGATGCAGGCTCCCCTGAGGAAT ATGTCATAGTTCTGAGCTGCCAGTGGACCGCCCTTTTCCCCTACCAATATTAGGTGATCC CGTTTTCCCAGGACAATGTTGTAGTGTCCACACCACCACCCCAAGCCTTGGGGCT CTTGGATNCCTAGTGCTCCCTAGTTTGGCATTTCACGGTTTCCGAGTCATTAACCTGGG TAGACGTGTCGCAAAAAAAAAAAAAAAAAACTCTCCAGCGCTGGGATCCGGC
Restriction Sites:	Please inquire
ACCN:	BC022069
Insert Size:	757 bp
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).
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:	<u>BC022069.1</u> , <u>AAH22069.1</u>
RefSeq Size:	757 bp
Locus ID:	1381
Cytogenetics:	15q25.1
Gene Summary:	This gene encodes a specific binding protein for a vitamin A family member and is thought to play an important role in retinoic acid-mediated differentiation and proliferation processes. It is structurally similar to the cellular retinol-binding proteins, but binds only retinoic acid at specific sites within the nucleus, which may contribute to vitamin A-directed differentiation in epithelial tissue. [provided by RefSeq, Jul 2008]