

Product datasheet for SC102688

XIRP2 (BC022446) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XIRP2 (BC022446) Human Untagged Clone
Tag:	Tag Free
Symbol:	XIRP2
Synonyms:	CMYA3
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for BC022446, the custom clone sequence may differ by one or more nucleotides

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GAAATCTTGCCATGGCAATTTAGTAGAAGAAAGAACTGAGGTTAATCCTCCAAAAGCCCCAAAGGCACT
GTAAGATTGTCATAGATCGTGAACAAAACAATGATGCTCTGGAGAAAAGCCTTAGAAGACTATCTAATT
CACACCATAAATCTAATGTTTTGGAATCAGGAGACAAAACGGGTGTCTGGACTGATACTACAGGAGAACA
GCATCTTAGAGATGAATATATGAGCAGACAATTAACCTCAACTGTGTGAGTAAAGATAATCTAACAACT
AAAGAATCAGACAGGGCAGTGAGAGAGCTGAAGAAGGATGATGTCTTTAATTCCATCCAATCTGCTGGTA
AAACCGTTGGAAAAGCAACAGACATATGAACTGAGAAATGACCACCAGAAAATGGAGGGTTTTTCATATAAA
GAGTCCTAAAAAGACCAAAAATATTAATAATTAACCTGATACACAAGCTCCAAGCCCAGTCCCACCCAG
CATCCAGTCAGCATGCCAGTTGGAGGAACCTTACGACCTTTTCAGGGGACTTTTCAGAAGCAAACCTTTGTAA
AGCAAGAAAACAAAATATTCTAATAAGGATATAAAGAAAAAGAATATAAACCTTCAACCAATGTGGCAGCT
TTTGCCTGTAGAGCAAGACACATCCAATGTAACAGAAATGAAAGTCTCTGAAAAAGTCACAATACATTT
AAGGCAACCAACAAAAGCGGGAGACTGATGTTCACTTGAAGCCAGGACTTTCTAATGAAAACAAATA
CTTCCACAGGCTTAAAAATGGCAATGAAAGGTCCTTGAATCCAATCAACTTTAACCTGAGAATAATGT
AAAAGAAAGTGAGTGCCCTTCCACCTCCATCTCCACCTCCTCCACCACCTTCTAATGCATCATCTGAA
ATTGAATTTCTCTTCTCCTCCACCTCCTTGTATGATGTTTCTGAAAAAATGGGTTTCTTCCCTCAC
TGTCCACAGAGAAGATAAAGGCTGAATTTGAAAGTTTTCCAGGCCTCCCTCTTCTCCACCTCCAGTAGA
TGAGAAATCTGAAAGAGAAAGTTCATCGATGTTTCTGCCGCTCCTCCTCCTCAACTCCATCTCAAAG
CCAGCACATCTCTTCTCCTCTGCTCCGAAAAGCACAGTGGAGACTTCATGCAACAATATCCCAAA
AAGAAGCCTCGAACTCTCAGAATTCTCAGGCTAAAATCATAACAGGAAAAACCGGTGTGTTGCCACCTCC
CACATTGCCAAACCCAACTTCCCAAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for BC022446 unedited NGGGGTTTACAATTGNATACCATTATATAGGCGGCCGCGAAATTCGCACGAGGGATACTC TCAGTCAAACATATGGNGAAATCTTGCCATGGCAATTTAGTAGAAGAAAGAACTGAGGTT AATCTTTCAAAGCCCCAAAGCACTGTAAAGATTGTCATAGATCGTGAACAAAACAATG ATGCTCTGGAGAAAAGCCTTAGAAGACTATCTAATTCACACCATAAATCTAATGTTTTGG AATCAGGAGACAAAACGGGTGTCTGGACTGATACTACAGGAGAACAGCATCTTAGAGATG AATATATGAGCAGACAATTAACCTCAACTGTGTCAGTTAAGAATAATCTAACAACTAAAG AATCAGACAGGGCAGTGAGAGAGCTGAAGAAGGATGATGTCTTTAATCCATCCAATCTG CTGGTAAAACCGTTGAAAGCAACAGACATATGAACTGAGAAATGACCACCAGAAAATGG AGGGTTTTTCATATAAAGAGTCTAAAAAGACAAAAATATTAATAATTAAGTATACAC AAAGCTCCAAGCCAGTCCCACCAGCATCCAGTCAGCATGCCAGTTGGAGGAACTTACG ACCTTTCAGGGGACTTTCAGAAGCAAACCTTGTAAAGCAAGAAACAAAATATTCTAATA AGGATATAAAGAAAAAGAATATAAACCTTCAACCAATGTGGCAGCTTTTGCCTGTAGAGC AAGACACATCCAATGTAAACAGAAATGAAAGTCTCTGAAAAAGTCACAATACATTTAAGG CAACCAACANAAAAGCGGAGACTGATGTTCACTTGAAAAGCCAGGACTTCTATGAAAAC AATACTTNNCACAGCTTAAAAATGCATGGAAGGTCTTGATCCATCACTTAACCTGAGA TATGTAAGAAGTGC
3' Read Nucleotide Sequence:	>OriGene 3' read for BC022446 unedited TTTTTTTTTTTTTGTTGTCTATATTTTTCTTCAGCAATCATTAAAGGTGTCTTAAATTT TCTCATATAAGGTTTTGGATTTTGTGCTGAACTCTCTGGAATGAATGAGATTTTAT AAGAGGCGCAATCTGTTTTTCTGGGTGCTGAAGTTCCTGGAAGTGTGTGTGAGAGACA GTTTCAGAGTCAATAGATAATTGTTTTCTTCATCAAGACTCTACTAATAACGTTCTG CTTTGTCTCCGTGTCTCACTGCTGGTCATCACCATTACTTTTTCTGATCCTTTGAGGT AGTAATTTTACATTCCATATCTGACAGGGAGGTTGCCAGTTCACTTTGGGGAAAAATC GTTCTTATTATCTTTATATGCTTGGGAAGTTTGGGTTTGGCAATGTGGGAGGTGGCAA CACACCGTTTTTCTGTTATGATTTTACCTGAGAATCTGAGAGTTCGAGGCTCTTTT TTGGGAATATTGTTCATGAAGTCTCCACTGTGCTTTTCCGGAGCAGAGGAGGAAAGGAG ATGTGCTGGCTTTTGAATG
Restriction Sites:	NotI-NotI
ACCN:	BC022446
Insert Size:	1750 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:	BC022446.1

RefSeq Size: 1318 bp
RefSeq ORF: 1318 bp
Locus ID: 129446
Cytogenetics: 2q24.3
Gene Summary: Protects actin filaments from depolymerization.[UniProtKB/Swiss-Prot Function]