

Product datasheet for **SC330817**

XRRA1 (NM_001270381) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XRRA1 (NM_001270381) Human Untagged Clone
Tag:	Tag Free
Symbol:	XRRA1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330817 representing NM_001270381. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGCTGGATGACAACAGACTCTCCAACCCAGTTGCTTTGCCAGCCTGGCTGGGCTCAGGAGACTGAAG
AAGTTAAGCTTGGATGAAAACAGGATTATCAGGATCCCATACCTACAGCAAGTTCAGCTCTATGACGAG
TCAGTAGACTGGAATGGAGGCAGGGGAAGTCCCCATAAAGAGCCCAATTCATGCTGCAGTCCAAGCCA
AGGATGCTTGAGGACTCAGATGAGCAACTGGATTATACTGTACTGCCCATGAAAAAGGATGTTGACCGG
ACAGAGGTTGTGTTTTTCATCTTACCCTGGATTTTCAACCTCAGAGATCGCAAAAGAGGATGCTGTCTTA
CCAGTAGCTCTCTTCCCCTCTCTGCGAGTTCGTCTTTCATAACAACCCCTCTGGTGGCCCATACACGA
GGGTCCTCCCTCAGTCTGAAGAGCTTCCCTCAGGAGCGACTGGGAATCCACTTAATTCGAAGGAAGATA
GTAAAGCCTAAGCATCATGTTTTGATGTCTCGGAAGGAATCATGGAAGGTGAAAAGCGAAATCCCAAAG
GTGCCGAAGCAGCCTCTGGTGTCCATCACCCGCGCATGACGACAACCAAGTCTCCCTCAAAGGATATG
CTAGAGCCAGAGGCAGAGCTGGCTGAAGATCTGCCCACTACCAAAAGCACTTCTGTGGAGTCAGAGATG
CCCCTGAGAACCTGGAAGGCCATTCCCCGTCTTGCCGGACCTTCGTGCCACTGCCTCCCCTCTGCTCC
AACTCCACTGTGCATAGTGAAGAGACCCTGTCCCACCTGAGTGACACAACCTGTCCGCTCAGCCAGAG
CGCCCATCAGATGAGGACTCCAAGAGCACAGAGTCCATCTTCTGACCCAGGTGAGTGAAGTGCCTTCC
TCCGTATCCATAAGGATGATTTAGAGTTAAAGGAGAAAGACCAAAAGAAACCAACGGCACCCAGA
GAGGTGAAAGGGACTCGGAGGAACTCCCAACTGCCTTCTTCCAGCAAGTACCACGGCTATGAAGAA
CTGCTGACAGCCAAGCCTGATCCAGCCTTCATTGAGCCAAAGGGAATCCAGAAGAATGCACAAGCCCTG
CAACAAATGCTGAAGCACCCACTCCTGTGCCACTCCTCCAAGCCCAAGCTGGACACTCTTCAGAAACCC
TATGTTCAAAAGAGAAACGGGCCAGAGAATCCCGATTCCACCCCAAGAAAGACTAGAGCCCACTT
CTGGATGACATCTTCATTGCTTGCGGGATCCCCGGAACATTACAGAGGCTCCACTAGGTGCTGTCTG
CACCAGTGGACAGAACGGCGGCTGGTGAACCACAAGCAGTACCTGGAGGCCAAGAGGCTGTTGAAGGAG
TTCCAGGCACGTTACCGGCAGCTGGTGAAGTGGCTCTCTGCGCACAGTGTTCGGGACTACCCGCTCCCC
ATGGCCTGCCAGCGCTGAGTGAGAGCCAGCCCAAGTTCGGCCACTTCTCGAGTTCATGGATGAGTTC
TGCCAGGAGCCACAGCCAGTGACTCACAAAGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001270381
Insert Size:	1554 bp



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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:	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>NM_001270381.1</u>
RefSeq Size:	4743 bp
RefSeq ORF:	1554 bp
Locus ID:	143570
UniProt ID:	<u>Q6P2D8</u>
Cytogenetics:	11q13.4
MW:	58.9 kDa
Gene Summary:	May be involved in the response of cells to X-ray radiation.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) has multiple differences, compared to variant 1. These differences result in a distinct 5' UTR and cause translation initiation at an in-frame downstream start codon, compared to variant 1. The encoded protein (isoform 3) is shorter than isoform 1.