

Product datasheet for **SC216154**

ABRAXAS2 (NM_032182) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ABRAXAS2 (NM_032182) Human 3' UTR Clone
Symbol:	ABRAXAS2
Synonyms:	ABRO1; FAM175B; KIAA0157
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_032182
Insert Size:	1726 bp



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Insert Sequence: >SC216154 3'UTR clone of NM_032182
 The sequence shown below is from the reference sequence of NM_032182. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGCATCGCC
CCCAGGAACACTCAGACCTCCCAGATTTAACTAAACAAAAGAACTCTCCACCTAGCACTGTTTTCTT
CATTGCTTACTGAGAGGGTTTTTGAAGCTTAATCTGGGGGAGAACTGCTTTCTCAGATACCTAACT
CCCAGAAAGAGAGTCCTTGTGCACAGAATTGTGGGAGCCTCCATCCGCTGCTCTTACCTTTGGATAC
AGTGTGCAAGTTTCATGACAGAATCATTAAAGATAATCAAATTGCCTAATTCTGGTGCGATTTCATGGAT
ATACTGGTAAATTTAGGCAAAGTAACTTATCAGCGTAGTTTCTGTTCTTTAAATAAAATGGAAATT
AGAGACTAAGCACAATTAGTCTATAAATGTTCTATAAATCAAAAACCTTACCTCTTGCCTATCATGCCT
TGAAATTTACTTTTTCAAAGGGAAACAAGTTTAGCAGCAGCCTTCAAAGAACTCTTTCTATGATGAGC
CAAATTCATCTTTGCCAGAAAAGAAATTTTGATAATTCCAAGAAGCCTGATTAGAACAAATCAGATATA
CCTTCTCTGTCTGCATGACTTTGTGAGATAAAAGAGAGGGCTTCCAACCTTTTTTCTACTAGCTTGATA
TGTATTATCACTTAAATGGTTGCCTTTAAAAAAAAAAGTAGAGATACTAATTACCAAGTAAAGTAAATCA
TCCAAATAAATACGTCATAAAATAAATTAATTTTTTCTTTGATGGATTACAGTGACTACTGTGTTG
CACTGGCACATTTATGGTCTCTGTTCTGGAATCTTGGAGGACACACAGCAGTGGAGAACAGAAGGAGTG
AGTTTTATAATGAACAGATTCAGACACGGTAGGTTTAGCTGAGTTCATACAGAGGAGATATAACTCAT
TTAGATCTTCTGACAAATCCTAGTGTTAGTTTTATCTGTGGAGGAAAGACATTTAATAATAAACTGTTT
GGGAATCTTGGTGAATAAAGATTCAATTTCAAGCTGAATAACCATACTTATTTTTATTTAAGTTGCCAT
TTGGGGAATAATTGCAGTATGTGTAGAGACTCTTTGGGATGCCTTATTTTTATTTAATGACTACT
TGTTTTCTAGTTTTGCCACAACGTCTGAAACCACTAAGACATTCAGGAGCATGTTGAGCTTCTGGTTT
GGAAACAGCAAGACCCACCATTTATGACAAGGACAGCCATGAGGTTAATACTTGGAGTTTAACTGCCTT
CCCTTTGAACTAGTTAAATCTGTAAGAATAAGGAAGTTGTTGAAGGCTTAAATCTGGGTTCTGAAAA
AGTAGTTTCAGTTTATAGGATACACATTTACTCACTGAGCTCCAGTTCCTCAATACTAAATAGACAGTAT
CATATAGACGGAAATGAAATGCTAGAAGTCCGTTCTTTGGATCGCCACTCTATGGGGGCTGTCTTT
TAACTACTCTCCTGGTTATGTTGGCCTTACACCACTGCCATTTGATTTAAACGCTGCAGACCACCTTA
TCTGCAAATGTGTTCCAGTTGTTATCAGCTACCTACTACGAGCTTCAGCGCCAGTGGAATTTATTTT
TTTTTAAGTGCCATTACCGTCTCCTCTGTTTCAGATTTTGACATTCAGGAAAATATTTTTATTTGATGC
CATACTGAAATCTACAATGTATATCTGACAAAGCAGTTAAATGTGACAATAAAAAACTTATTTAATCATG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_032182.4](#)

Summary:

Component of the BRISC complex, a multiprotein complex that specifically cleaves 'Lys-63'-linked polyubiquitin, leaving the last ubiquitin chain attached to its substrates (PubMed:19214193, PubMed:20032457, PubMed:20656690, PubMed:24075985). May act as a central scaffold protein that assembles the various components of the BRISC complex and retains them in the cytoplasm (PubMed:20656690). Plays a role in regulating the onset of apoptosis via its role in modulating 'Lys-63'-linked ubiquitination of target proteins (By similarity). Required for normal mitotic spindle assembly and microtubule attachment to kinetochores via its role in deubiquitinating NUMA1 (PubMed:26195665). Plays a role in interferon signaling via its role in the deubiquitination of the interferon receptor IFNAR1; deubiquitination increases IFNAR1 activities by enhancing its stability and cell surface expression (PubMed:24075985, PubMed:26344097). Down-regulates the response to bacterial lipopolysaccharide (LPS) via its role in IFNAR1 deubiquitination (PubMed:24075985). Required for normal induction of p53/TP53 in response to DNA damage (PubMed:25283148). Independent of the BRISC complex, promotes interaction between USP7 and p53/TP53, and thereby promotes deubiquitination of p53/TP53, preventing its degradation and resulting in increased p53/TP53-mediated transcription regulation and p53/TP53-dependent apoptosis in response to DNA damage (PubMed:25283148).[UniProtKB/Swiss-Prot Function]

Locus ID:

23172

MW:

66