

Product datasheet for **SC208939**

UBA2 (NM_005499) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	UBA2 (NM_005499) Human 3' UTR Clone
Symbol:	UBA2
Synonyms:	ARX; HRIHFB2115; SAE2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_005499
Insert Size:	2000 bp



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Insert Sequence: >SC208939 3'UTR clone of NM_005499
 The sequence shown below is from the reference sequence of NM_005499. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGCTTGATGATGTCATAGCATTAGATTGAACAGAAATGCCTCTAAACAGAACCCCTTACTATTTAGT
TTATCTGGGCAGAACAGATTGTTATGTCTTTGTTCCAAAGGGAAAAAATTGACAGCAGTGACTTGAA
AATGATTCTGCTCCCTTTGAAAGCATTCAATTTGCTAGAACTGTTAGACACATTGCAGTATGCTGTATT
GAAAGTAGGAATATAGTTTTAAAAACCTTTGAACAAAGTGTGTGCATAACCAGTCATGAGATAAAACA
ACACAATGCATGTTGCCTTTTAAATGTAATACCCGTAGGTATCATTAAATAGTTTCAAAATATTGTGGT
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TATTTATATTCGATGTTTTGTA AAACTCAAATAACGACTATACTTATGGACCAAATAAATGGCATCTGC
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CTTTTCATTA AAAAAAGAACTCGGTCCGGCAGCGTGGCTCATGCCTGTAATCCCAGCACTTTGGAAGGC
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TCCAGCCAGGGCGATGAGTGAACCTCCATCTCAAAAAAGGTTCCAGAAATCTCCACTGTTTGCCAAAGA
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GCCTCCCTGTAGCTGGGATTACAGGCGCCCTCCACCAGCTCAGCTAATTTTTTGTATTTTAGTAGA
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TTTGAGATGCTGGAAAGGGAGTCTTCCCTCTTCTGCAAGTGTGTTGCTGGGTTGTCCTTGTATTTACC
AAAGTCCATTTTGAATGTACCATCCCCAGCCAACTCCAGCCTACAGATAGTGCCAGACCGCCAGTAGG
TGGAGTAGCACTGCTTCTCCTGGTCCCGGACCTCAGAGGGCTTTGCCTGTTAGGGTACTCTTACTCA
GAGATGGGCTTGAGTTTTAGAGAACAGAAAGCCATTAAGCTGTTTCCCTATTGTATTCATGTGCC
ACGCGT AAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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_005499.3](#)

Summary: Posttranslational modification of proteins by the addition of the small protein SUMO (see SUMO1; MIM 601912), or sumoylation, regulates protein structure and intracellular localization. SAE1 (MIM 613294) and UBA2 form a heterodimer that functions as a SUMO-activating enzyme for the sumoylation of proteins (Okuma et al., 1999 [PubMed 9920803]). [supplied by OMIM, Mar 2010]

Locus ID: 10054

MW: 75.3