

Product datasheet for **SC216311**

DAB2 (NM_001343) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DAB2 (NM_001343) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DAB2
Synonyms:	DOC-2; DOC2
ACCN:	NM_001343
Insert Size:	1784 bp



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Insert Sequence: >SC216311 3'UTR clone of NM_001343
The sequence shown below is from the reference sequence of NM_001343. 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
AGGGATCCATTTGGAAATCCTTTTGCCTAATTCTGAACCTGGTCTGCAGACCATCCAGAGGAATAAAA
AGGTTGGCCTTAGTAGTCAAAAACAAAGCTGATAGCCAGACACGTTCTGATTTCTGCCCTTGTTCCAGC
TTTGACGTATTATCTGTTGCCTATTTCTCATTGCCTCTTCTACTTGTAATAATGCTTTTCACTTTCTGT
CTAGGTTAAAGCTAACTGAATCTATGGCTTTAAATAAATTAAGATCCTAACTCTCTAGCTTAAGTGT
AAATGAAGTACAGTAGTTTCCCTACTGAACCTGCCTCTTGTGTCCCTGGAACCTTCTAGAACACCTGC
CTTCTACCCTCTGGTTGGGAGATGCAGCCACCACATCCCTTCATATCATACTGTTTTGAATAAATTTTC
AAATCCTTATTGTTGAGAGTTGTTGGGGTCTGTTTCAGAGCATAAAACCTAAAGGTTATAGTAGAA
CAAGGCACCTTTAAAAGAAATCTTGCTTCAGACCATCAGTTACAGAGAATTTCTAAAGTAAAATTGA
AGCAACTACAACCTCTCCTTAGACACTTTGGAATCTAACCACTTAAGGACCTTTTAAAGAGATAGCTT
CTCTTCTTTCTGAAGATCAATTTCTCCCAAGGCCAAGATTGTCCTTTTCTCCATTTCTTGTAGCTAT
TGCAAATGAGGGAAGAACATTATTCATCTCTCCTCCCCTTTTTTTCTGATTCTTTTTTTCAGTCAGTTT
TGCTCCTGGGTTCAAGTAGTATTACCACCTTTTACAAGCAACAGACTCTCACAGGGCAAAAAAAAAAA
AAAATCTAATGATTCACAGACAGATCTGGAGCCTCTCTTATTCTCAGTAATTGCTAGTCCCAAGAACT
AGAATTGCAATGGGCACAACCTATATCCTTCTGTGGAAGAGGAGGCCACTCTCTTGAGCTGAAGTTC
CAGAAGAGCAGTTAATGTTCAAGAGAAATGAACTCAACTCAGCAACAAAGGACTCTATTTTGAAGAGC
AACATATCACAAAGCTAAATGTGATTGTGCCAACACATTAGGTGCTTATTTGGGGTCATGCTAGGCCCT
TTATCAAGTAACCTGGAAAACCTTTTCTTGCAGCCACAATCTCAATGTCGTTAGTAGGAAGATAAGAGGGG
AGAAAAAGCTGTAGAACAAATGTTTGGGGTTACCATTGAAAATCTAATGTCTGCAATATTTTTCTCCTC
ACAACCTGGAAACGTTCCAGTTCATTTTTCAGTCTGTTGTGAGCACAGTTCTGAAGGGTTATTATTG
TCAAAAATAAGTTTTGTTTTGTTTTATGTTGGGTTTTTAAATGTTGTCTCTTGACCCTTAATGCTCA
GGTTCTTGTTGGGAGTTAATCAGCCACATCCAATGTTACCTTGAGGGGGAAGAAGAGGGTGATGCTCAGA
AGCTAAACAAGACAGGGGCCACATGACCCTCTATTGATTAGCCCCAAGTAGAAAGTCTGTGTTTTAT
GTTAATGGTAATAGTTGATCATATATGGCATAATTTTCTATCAGCTTCTACTCAGTCACTATAAACA
CAGACTTGAAATAGTACTTTAAATGTCCAATACCTAAATGTGCTAAACTGGAGGTAACCTATTTCTAGG
TAGTTGAATTTTTGAAAGTCATGATCAGCCACACAACCTGTTTTGTACATACTTATTTTCTCATGCACCT
TTCTGTATGCAAATAAAGCTATAAATTTACTCATTTCATAAACTGGAGTGGCAGAATA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACC GCCGCTTCTATGAAAGG
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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_001343.4](#)

Summary:

This gene encodes a mitogen-responsive phosphoprotein. It is expressed in normal ovarian epithelial cells, but is down-regulated or absent from ovarian carcinoma cell lines, suggesting its role as a tumor suppressor. This protein binds to the SH3 domains of GRB2, an adaptor protein that couples tyrosine kinase receptors to SOS (a guanine nucleotide exchange factor for Ras), via its C-terminal proline-rich sequences, and may thus modulate growth factor/Ras pathways by competing with SOS for binding to GRB2. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Locus ID:

1601

MW:

67.3