

Recombinant Human DAB2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DAB2-3554H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DAB2 MS Standard C13 and N15-labeled recombinant protein (NP_001334) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	82.3 kDa
AA Sequence	MSNEVETSATNGQPDPQQAAPKAPSKKEKKGPEKTDEYLLARFKGDGVKYKAKLIG IDDVPDARGDKMSQDSMMKLGMAAAGRSQGQHKQRIWVNISLSGIKIIDEKTGVIE HEHPV NKISFIARDVTDNRAFGYVCGGEGQHQQFFAIKTGQQA EPLVVDLKD LDFQVIY NVKKKEEEEK KIEEASKAVENGSEALMILDDQTNK LKSGVDQMDLFGDMSTPPDLN SPTESKDILLVDL NSEIDTNQNSLRENPF LTNGITSCSLPRPTPQASFLPENAFSANLN

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FFPTPNPDPFRDDPFTQPDQSTPSSFDSLKSPDQKKENSSSSSTPLSNGPLNGDVD
 YFGQQFDQISNRTGKQEAQAGPWPWFSSSQTPAVRTQNGVSEREQNGFSVKSSP
 NPFVGSPPKGLSIQNGVKQDLESSVQSSPHDSIAIIPPPQSTKPGRGRRTAKSSAND
 LLASDIFAPPVSEPSGQASPTGQPTALQPNPLDLFKTSAPAPVGPLVGLGGVTVTLP
 QAGPWNTASLVFNQSPSMAPGAMMGGQPSGFSQPVIFGTSPAVSGWNQPSPFAA
 STPPPVPVWGPSASVAPNAWSTTSPLGNPFQSNIFPAPAVSTQPPSMHSSLLVTP
 PQPPPFRAGPPKDISSDAFTALDPLGDKEIKDVKEMFKDFQLRQPPVVPARKGEQTS
 SGTLSAFASYFNKVGIPQENADHDDFDANQLLNKINEPPKPAPRQVSLPVTKSTDN
 AFENPFFKDSFGSSQASVASSQPVSSEMYRDPFGNPFATRTRPLEQKLISEEDLAA
 NDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [DAB2 DAB adaptor protein 2 \[Homo sapiens \(human\) \]](#)

Official Symbol [DAB2](#)

Synonyms DAB2; disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila); disabled (Drosophila) homolog 2 (mitogen responsive phosphoprotein); disabled homolog 2; DOC 2; differentially-expressed protein 2; DOC2; DOC-2; FLJ26626;

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Gene ID 1601

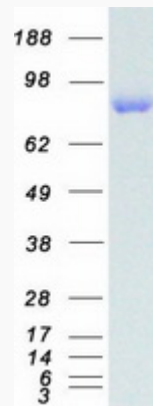
mRNA Refseq NM_001343

Protein Refseq NP_001334

MIM 601236

UniProt ID P98082

SDS-PAGE



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