

Recombinant Full Length Human DAB2 Protein, GST-tagged

Cat. No. DAB2-2520HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human DAB2 full-length ORF (AAH03064, 1 a.a. - 770 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	770 amino acids
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. [provided by RefSeq, Oct 2011]
Molecular Mass	110.22 kDa
AA Sequence	MSNEVETSATNGQPQQAAAPKAPSKKEKKGPEKTDEYLLARFKGDGVKYKAKLIG IDDVPDARGDKMSQDSMMKLKGMAAAGRSQGQHKQRIWVNISLSGIKIIDEKTGVIE HEHPV NKISFIARDVTDNRAFVGYVCGGEGQHQFFAIKTGQQAEP L VVDLKD L FQVIY NVKKKEEEEKKIEEASKAVENGSEALMILDDQTNKLKSGVDQMDLFGDMSTPPDLN SPTESKDILLVDL NSEIDTNQNSLRENPF LTNGITSCSLPRPT PQASFLPENAFSANLN

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FFPTPNPDPFRDDPFTQPDQSTPSSFDSLKSPDQKKENSSSSSTPLSNGPLNGDVD
 YFGQQFDQISNRTGKQEAQAGPWPWFSSSQTPAVRTQNGVSEREQNGFSVKSSP
 NPFVGSPPKGLSIQNGVKQDLESSVQSSPHDSIAIIPPPQSTKPGRGRRTAKSSAND
 LLASDIFAPPVSEPSGQASPTGQPTALQPNPLDLFKTSAPAPVGPLVGLGGVTVTLF
 QAGPWNTASLVFNQSPSMAPGAMMGQPSGFSQPVIFGTSPAVSGWNQPSPFAA
 STPPPVPVWGPSASVAPNAWSTTSPLGNPFQSNIFPAPAVSTQPPSMHSSLLVTP
 PQPPPFRAGPPKDISSDAFTALDPLGDKEIKDVKEMFKDFQLWQPPAVPARKGEQTS
 SGTLSAFASYFNKVGIPQENADHDDFDANQLLNKINEPPKPAPRQVSLPVTKSTDN
 AFENPFFKDSFGSSQASVASSQPVSSEMYRDPFGNPFA

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name
 DAB2 disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) [Homo sapiens]

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_001244871
Protein Refseq	NP_001231800
MIM	601236
UniProt ID	P98082

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