

Recombinant Full Length Human DAB2 Protein, C-Flag-tagged

Cat. No. DAB2-1985HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human DAB2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	82.3 kDa
AA Sequence	MSNEVETSATNGQPDQQAAPKAPSKKEKKKGPEKTDEYLLARFKGDGVKYKAKLIG IDDVPDARGDKMSQ DSMMLKLGMAAAGRSQGQHKQRIWVNISLSGIKIDEKTGVIE HEHPVNKISFIARDVTDNRAFGYVCGG EGQHQFFAIKTGQQAEPPLVVDLKDQFQVIY NVKKKEEEEKKKIEEASKAVENGSEALMILDDQTNKLKSGV DQMDLFGDMSTPPDLN SPTESKDILLVDLNSIDTNQNSLRENPF LTNGITSCSLPRPTPQASFLPENAF SANL

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NFFPTPNPDPFRDDPFTQPDQSTPSSFDSLKSPDQKKENSSSSSTPLSNGPLNGDV
 DYFGQQFDQI SNRTGKQEAQAGPWPFFSSSQTPAVRTQNGVSEREQNGFSVKSS
 PNPFGVSGPPKGLSIQNGVKQDLESSV QSSPHDSIAIIPPPQSTKPGRGRRTAKSSAN
 DLLASDIFAPPVSEPSGQASPTGQPTALQPNPLDLFKTS APAPVGPLVGLGGVTVTL
 PQAGPWNTASLVFNQSPSMAPGAMMGQPSGFSQPVIFGTSPAVSGWNQPSP FA
 ASTPPPVPVWGPSASVAPNAWSTTSPLGNPFQSNIFPAPAVSTQPPSMHSSLLVT
 PPQPPPRAGPPK DISSDAFTALDPLGDKEIKDVKEMFKDFQLRQPPVVPARKGEQT
 SSGTLSAFASYFNSKVGIPQENADHD DFDANQLLNKINEPPKPAPRQVSLPVTKSTD
 NAFENPFFKDSFGSSQASVASSQPVSSEMYRDPFGNPFA TRTRPLEQKLISEEDLA
 ANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Endocytosis
Full Length	Full L.

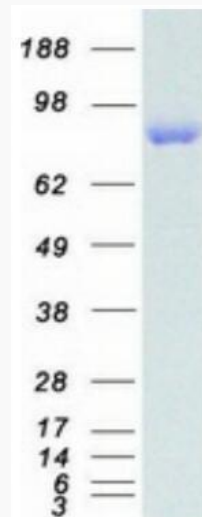
GENE INFORMATION

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Gene Name	DAB2 DAB adaptor protein 2 [Homo sapiens (human)]
Official Symbol	DAB2
Synonyms	DOC2; DOC-2
Gene ID	1601
mRNA Refseq	NM_001343.4
Protein Refseq	NP_001334.2
MIM	601236
UniProt ID	P98082



Coomassie blue staining of purified DAB2 protein.