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	MSNEVETSATNGQPDQQAAPKAPSKKEKKKGPEKTDEYLLARFKGDGVKYKAKLIG IDDVPDARGDKMSQDSMMKLKGMAAAGRSQGQHKQRIWVNISLSGIKIIDEKTGVIE HEHPVNKISFIARDVTDNRAFGYVCGGEGQHQFFAIKTGQQAEPLVVDLKDLFQVIY NVKKKEEEKKKIEEASKAVENGSEALMILDDQTNKLKSGVDQMDLFGDMSTPPDLN SPTESKDILLVDLNSEIDTNQNSLRENPFLTNGITSCSLPRPTPQASFLPENAFSANLN

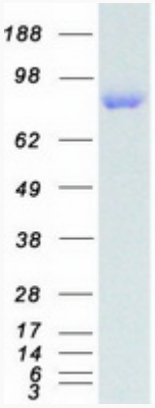
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	FFPTPNPDPFRDDPFTQPDQSTPSSFDSLKSPDQKKENSSSSSTPLSNGPLNGDVD YFGQQFDQISNRTGKQEAQAGPWPFSSSQTQPAVRTQNGVSEREQNGFSVKSSP NPFVGSPPKGLSIQNGVKQDLESSVQSSPHDSIAIIPPPQSTKPGRGRRTAKSSAND LLASDIFAPPVSEPSGQASPTGQPTALQPNPLDLFKTSAPAPVGPLVGLGGVTVTLP QAGPWNTASLVFNQSPSMAPGAMMGGQPSGFSQPVIFGTSPAVSGWNQPSPFAA STPPPVPVVWGPSASVAPNAWSTTSPLGNPFQSNIFPAPAVSTQPPSMHSSLLVTP PQPPPRAGPPKDISSDAFTALDPLGDKEIKDVKEMFKDFQLRQPPVVPARKGEQTS SGTLSAFASYFNSKVGIPQENADHDDFDANQLLNKINEPPKPAPRQVSLPVTKSTDN 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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