

Product datasheet for TP300481

DAB2 (NM_001343) Human Recombinant Protein

Product data:

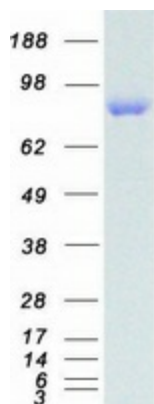
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) (DAB2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200481 representing NM_001343 Red=Cloning site Green=Tags(s)
	<p>MSNEVETSATNGQPDQQAAPKAPSKKEKKKGPEKTDEYLLARFKGDGVKYKAKLIGIDVDPDARGDKMSQ DSMMKLGMAAAGRSQGQHKQRIWVNISLSGIKIIDKGTGVEHEHPVVKISFIARDVTDNRAFGYVCGG EGQHQQFAIKTGQQAELVVDLKDQFQVIYNVKKKKEEKKIEEASKAVENGSEALMILDDQTNKLGSGV DQMDLFGDMSTPPDLNSPTESKDILLVDLNSEIDTNQNSLRENPFNTGITSCSLPRPTQASFLPENAF SANLNFFPTPNPDPFRDDPFTQPDQSTPSSFDLSPDQKKNSSSSSTPLSNGLNGVDYFGQQFDQI SNRTGKQEAQAGPWPFSSTQTPAVRTQNGVSEREQNGFSVKSSPNPFVGSPPKGLSIQNGVKQDLESSV QSSPHDSIAIIPPPQSTKPGRRRTAKSSANDLLASDIFAPPVSEPSGQASPTGQPTALQPNPLDLFKTS APAPVGLVGLGGVTVLPQAGPWNTASLVFNQSPSMAPGAMMGQPSGFSQPVIQFTSPAVSGWNQPS FAASTPPVPVWGPSASVAPNAWSTTSPLGNPFQSNIFPAPAVSTQPPSMHSSLLVTPPQPPPRAGPPK DISSDAFTALDPLGDKEIKDKEMFKDFQLRQPPVVPARKGEQTSSGTLASFASYFNSKVGIPQENADHD DFDANQLLNKINEPPKAPRQVSLPVTKSTDNAFENPFFKDSFGSSQASVASSQPVSEMYRDPFGNPFA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	82.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001334
Locus ID:	1601
UniProt ID:	P98082 , A0A024R036 , B2RAW0
RefSeq Size:	3268
Cytogenetics:	5p13.1
RefSeq ORF:	2310
Synonyms:	DOC-2; DOC2
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]
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis

Product images:



Coomassie blue staining of purified DAB2 protein (Cat# TP300481). The protein was produced from HEK293T cells transfected with DAB2 cDNA clone (Cat# [RC200481]) using MegaTran 2.0 (Cat# [TT210002]).