

## Product datasheet for TP300481L

### DAB2 (NM\_001343) Human Recombinant Protein

#### Product data:

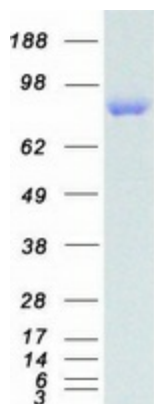
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human disabled homolog 2, mitogen-responsive phosphoprotein (Drosophila) (DAB2), 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC200481 representing NM_001343 Red=Cloning site Green=Tags(s)
	<p>MSNEVETSATNGQPQQAAAPKAPSKKEKKKGPEKTDEYLLARFKGDGVKYKAKLIGIDVDPDARGDKMSQ DSMMKLGMAAAGRSQGHKQRIWVNISLGGIKIIDEKTGVIEHEHPVVKISFIARDVTDNRAFGYVCGG EGQHQQFAIKTGQQAELVVDLKDQLFQVIYNVKKKEEKKIEEASKAVENGSEALMILDDQTNKLGSGV DQMDLFGDMSTPPDLNSPTESKDILLVDLNSEIDTNQNSLRENPFNTNGITSCSLPRPTQASFLPENAF SANLNFFPTPNPDPFRDDPFTQPDQSTPSSFDLSPDQKKNSSSSSTPLSNGLNGVDYFGQQFDQI SNRTGKQEAQAGPWPFSSTQTPAVRTQNGVSEREQNGFSVKSSPNPFVGSPPKGLSIQNGVKQDLESSV QSSPHDSIAIIPPPQSTKPGRRRTAKSSANDLLASDIFAPPVSEPSGQASPTGQPTALQPNPLDLFKTS APAPVGLVGLGGVTVTLQAGPWNTASLVFNQSPSMAPGAMMGQPSGFSQPVIQFTSPAVSGWNQPS FAASTPPVPVWGPSASVAPNAWSTTSPLGNPFQSNIFPAPAVSTQPPSMHSSLLVTPPPPPRAGPPK DISSDAFTALDPLGDKEIKDKEMFKDFQLRQPPVVPARKGEQTSSGTLASAFASYFNSKVGIPQENADHD DFDANQLLNKINEPPKAPRQVSLPVTKSTDNAFENPFFKDSFGSSQASVASSQPVSEMYRDPFGNPFA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	82.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	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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<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001334</a>
<b>Locus ID:</b>	1601
<b>UniProt ID:</b>	<a href="#">P98082</a> , <a href="#">A0A024R036</a> , <a href="#">B2RAW0</a>
<b>RefSeq Size:</b>	3268
<b>Cytogenetics:</b>	5p13.1
<b>RefSeq ORF:</b>	2310
<b>Synonyms:</b>	DOC-2; DOC2
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	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]).