



# Recombinant Rat Disabled homolog 2 (Dab2)

<b>Product Code</b>	CSB-YP006480RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O88797
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<pre>SNEVETSTT NGQPDQQAAP KAPSKKEKKK GSEKTDEYLL ARFKGDGVKY KAKLIGIDDV PDARGDKMSQ DSMMLKLGMA AAGRSQGQHK QRIWVNISLS GIKIIDEKTG VIEHEHPVNK ISFIARDVTD NRAFGYVCGG EGQHQFFAIK TGQQAELVV DLKDLFQVIY NVKKKEEEKK KVEEANKAEE NGSEALMTLD DQANKLKLGV DQMDLFGDMS TPPDLNNPTE SRDILLVDLN SEIDTNQNSL RENPF LTNGV TSCSLPRPKP QASFLPESAF SANLNFFPTP NPDPFRDDPF AQPDAQSAPSS FHS LTSADQK KANPGSLSTP QSKGPLNGDT DYFGQQFDQI SNRTGKQEAQ GGPWPYPSSQ TQQAVRTQNG VSEKEQNGFH IKSSPNPFVG SPPKGLSVPN GVKQDLESSV QSSAHDSIAI IPPPQSTKPG RGRRTAKSSA NDLLASDIFA SEPPGQMSPT GQPAVPQANF MDLFKTSAPA PMGSGPLVGL GTVPVTPPQA GPWTPVVFPT STTVVPGAI SGQPSGFGQP LVFGTTPAVQ VWNQPSSFAT AASPPPAVW CPTTSVAPNT WSSTSPLGNP FQSSNIFPPS TISTQSFPQP MMSSVLVTPP QPPPRNGPLK DTLSDAFTGL DPLGDKEVKE VKEMFKDFQL RQPPLVPSRK GETPSSGTSS AFSSYFNKVV GIPQEHVDHD DFDANQLLNK INEPPKPAPR QGVLSGTKSA DNSLENPFVK GFSSTNPSVV SQPASSDAHR SPFGNPFA</pre>
<b>Source</b>	Yeast
<b>Target Names</b>	Dab2
<b>Protein Names</b>	Recommended name: Disabled homolog 2 Alternative name(s): C9 DOC-2 Mitogen-responsive phosphoprotein
<b>Expression Region</b>	2-768
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	DAB2 mRNA is expressed in normal ovarian epithelial cells but is down-regulated or absent from ovarian carcinoma cell lines. The 770-amino acid predicted protein has an overall 83% identity with the mouse p96 protein, a putative mitogen-responsive phosphoprotein; homology is strongest in the amino-terminal end of the protein in a region corresponding to the phosphotyrosine interaction domain. The down-regulation of DAB2 may play an important role in ovarian carcinogenesis. This gene was initially named DOC2 (for Differentially expressed in Ovarian Cancer) and is distinct from the DOC2A and DOC2B genes (for double C2-like domains, alpha and beta).



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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.