



# 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>	<p>SNEVETSTT NGQPDAQAAP KAPSKKEKKK GSEKTDEYLL ARFKGDGVKY  KAKLIGIDDV PDARGDKMSQ DSMMLKKGMA AAGRSQGQHK QRIWVNISLS  GIKIIDEKTG VIEHEHPVNK ISFIARDVTD NRAFQYVCGG EGQHQQFFAIK  TGQQAEPVV DLKDLFQVIY NVKKKEEEKK KVEEANKAEE NGSEALMTLD  DQANKLKLGV DQMDLFGDMS TPPDLNPNTE SRDILLVDLN SEIDTNQNSL  RENPFLLTNGV TSCSLPRPKP QASFLPESAF SANLNFFFTP NPDPRRDDPF  AQPDAQSAPSS FHSLSADQK KANPGSLSTP QSKGPLNGDT DYFGQQFDQI  SNRTGKQEAQ GGPWPYPSSQ TQQAVRTQNG VSEKEQNGFH  IKSSPNPFVG SPPKGLSVPN GVKQDLESSV QSSAHDSIAI IPPPQSTKPG  RGRRTAKSSA NDLLASDIFA SEPPGQMSPT GQPAVPQANF MDLFKTSAPA  PMGSGPLVGL GTVPVTPPQA GPWTPVVFTP STTVVPGAI SGQPSGFGQP  LVFGTTPAVQ VWNQPSSFAT AASPPPAVW CPTTSVAPNT WSSTSPLGNP  FQSSNIFPPS TISTQSFQPP MMSSVLVTPP QPPPRNGPLK DTLSDAFTGL  DPLGDKEVKE VKEMFKDFQL RQPPLVPSRK GETPSSGTSS AFSSYFNKV  GIPQEHVDHD DFDANQLLNK INEPPKPAPR QGVLSGTSKA DNSLENPFVK  GFSSTNPSVV SQPASSDAHR SPFGNPFA</p>
<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.