

## Recombinant Human DOC2B cell lysate

Cat. No. DOC2B-502HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	There are at least two protein isoforms of the Double C2 protein, namely alpha (DOC2A) and beta (DOC2B), which contain two C2-like domains. DOC2A and DOC2B are encoded by different genes; these genes are at times confused with the unrelated DAB2 gene which was initially named DOC-2. DOC2B is expressed ubiquitously and is suggested to be involved in Ca(2+)-dependent intracellular vesicle trafficking in various types of cells.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	DOC2B double C2-like domains, beta [ Homo sapiens ]
<b>Official Symbol</b>	DOC2B
<b>Synonyms</b>	DOC2B; double C2-like domains, beta; DOC2BL, double C2 like domains, beta like; double C2-like domain-containing protein beta; doc2-beta; DOC2BL;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Gene ID</b>	8447
<b>mRNA Refseq</b>	NM_003585
<b>Protein Refseq</b>	NP_003576
<b>MIM</b>	604568
<b>UniProt ID</b>	Q14184
<b>Chromosome Location</b>	17p13.3
<b>Function</b>	calcium-dependent phospholipid binding; syntaxin binding; transporter activity;

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