

## Recombinant Human DOC2B Protein, MYC/DDK-tagged

Cat. No. DOC2B-2482H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human DOC2B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<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>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	45.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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

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