

Recombinant Human DOC2B Protein, MYC/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

Gene Name	DOC2B double C2-like domains, beta [Homo sapiens]
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Official Symbol	DOC2B
Synonyms	DOC2BL; DOC2BL
Gene ID	8447
mRNA Refseq	NM_003585
Protein Refseq	NP_003576
MIM	604568
UniProt ID	Q14184

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