

Recombinant Full Length Human DOC2B Protein, GST-tagged

Cat. No. DOC2B-4066HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DOC2B full-length ORF (AAI53025.1, 1 a.a. - 412 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	412 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	72.27 kDa
AA Sequence	MTLRRRGEKATISIQEHMAIDVCPGPIRPIKQISDYFPRFPRGLPPDAGPRAAAPPDA PARPAVAGAGRRSPSDGAREDDDEDVDQLFGAYGSSPGPSPGPSPARPPAKPPEDE PDADGYESDDCTALGTLDFSLLYDQENNALHCTITKAKGLKPMDHNGGLADPYVKLHL LPGASKANKLRTKTLRNTLNPTWNETLTYYGITDEDMIRKTLRISVCDEDEKFRHNEFI GETRVPLKKLKPNTHTKTFNICLEKQLPVDKTEDKSLEERGRILISLKYSSQKQGLLVGI VRCAHLAAMDANGYSDPYVKTYLRPDVDKKSCHKHTAVKKKTLNPEFNEEFCYEIKH GDLAKKSLEVTVWDYDIGKSNDFIGGVVLGIHAKGERLKHWFDCCLKNKDKRIERWHT

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	LTSELPGAVLSD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	DOC2B double C2-like domains, beta [Homo sapiens]
Official Symbol	DOC2B
Synonyms	DOC2B; double C2-like domains, beta; DOC2BL, double C2 like domains, beta like; double C2-like domain-containing protein beta; doc2-beta; DOC2BL;
Gene ID	8447
mRNA Refseq	NM_003585
Protein Refseq	NP_003576
MIM	604568
UniProt ID	Q14184

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