

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	<p> MTLRRRGEKATISIQEHMAIDVCPGPIRPIKQISDYFPRFPRGLPPDAGPRAAAPPDA PARPAVAGAGRRSPSDGAREDDDEDVDQLFGAYGSSPGPSPGSPARPPAKPPEDE PDADGYESDDCTALGTLDFSLLYDQENNALHCTITKAKGLKPMDHNGLADPYVKLHL LPGASKANKLRKTLRNTLNPTWNETLTYYGITDEDMIRKTLRISVCDEDEKFRHNEFI GETRVPLKLLKPNHTKTFNICLEKQLPVDKTEDKSLEERGRILISLKYSSQKQGLLVGI VRCAHLAAMDANGYSDPYVKTYLRPDVDKKSCHKHTAVKKKTLNPEFNEEFCYEIKH GDLAKKSLEVTVWDYDIGKSNDFIGGVVLGIHAKGERLKHWFDCCLKNKDKRIERWHT </p>

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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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