

Recombinant Human DOC2B Protein, GST-tagged

Cat. No. DOC2B-2801H **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	Wheat Germ
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 PARPAVAGAGRRSPSDGAREDDVDQLFGAYGSSPGPSPGPSPARPPAKPPEDE PDADGYESDDCTALGTLDFSLLYDQENNALHCTITKAKGLKPMDHNLADPYVKLHL LPGASKANKLRTKTLRNTLNPTWNETLTYYGITDEDMIRKTLRISVCDEDEKFRHNEFI GETRVPLKKLKPNTHTKTFNICLEKQLPVDKTEDKSLEERGRILISLKYSSQKQGLLVGI VRCAHLAAMDANGYSDPYVKTYLRPDVDKKSCHKTAVKKKTLNPEFNEEFCYEIKH GDLAKKSLEVTWVDYDIGKSNDFIGGVVLGIHAKGERLKHWFDCCLKNKDKRIERWHT LTSELPGAVLSD

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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

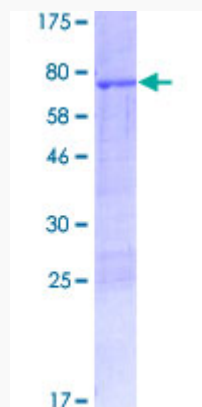
Gene Name	DOC2B double C2-like domains, beta [Homo sapiens]
Official Symbol	DOC2B
Synonyms	DOC2B; double C2-like domains, beta; DOC2BL, double C2 like domains, beta like; double C2-like domain-containing protein beta; doc2-beta; DOC2BL;
Gene ID	8447
mRNA Refseq	NM_003585
Protein Refseq	NP_003576
MIM	604568
UniProt ID	Q14184

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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