



# Recombinant Human Double C2-like domain-containing protein beta (DOC2B)

<b>Product Code</b>	CSB-MP618877HU
<b>Abbreviation</b>	DOC2B
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q14184
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>           MTLRRRGEKA TISIQEHMAI DVCPGPIRPI KQISDYFPRF PRGLPPDAGP            RAAAPPDAPA RPAVAGAGRR SPSDGAREDD EDVDQLFGAY            GSSPGPSPGP SPARPPAKPP EDEPDADGYE SDDCTALGTL DFSLLYDQEN            NALHCTITKA KGLKPMDHNG LADPYVKLHL LPGASKANKL RTKTLRNTLN            PTWNETLTYG GITDEDMIRK TLRISVCEDE KFRHNEFIGE TRVPLKCLKP            NHTKTFNICL EKQLPVDKTE DKSLEERGRI LISLKYSSQK QGLLVGIVRC            AHLAAMDANG YSDPYVKTYL RPDVDKSKH KTAVKKKTLN PEFNEEFCYE            IKHGDLAKKS LEVTVWDYDI GKSNDFIGGV VLGIAHAKGER LKHWFDCLKN            KDKRIERWHT LTSELPGAVL SD         </p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	DOC2B
<b>Protein Names</b>	Recommended name: Double C2-like domain-containing protein beta Short name= Doc2-beta
<b>Expression Region</b>	1-412
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</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>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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