



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

Product Code	CSB-EP618877HU
Abbreviation	DOC2B
Storage	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.
Uniprot No.	Q14184
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	<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>
Source	E.coli
Target Names	DOC2B
Protein Names	Recommended name: Double C2-like domain-containing protein beta Short name= Doc2-beta
Expression Region	1-412
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	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.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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