



Recombinant Rat Voltage-dependent L-type calcium channel subunit beta-3 (Cacnb3)

Product Code	CSB-EP004413RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P54287
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MYDDSYVPGF EDSEAGSADS YTSRPSLDSD VSLEEDRESA RREVESQAQQ QLERAKHKPV AFAVRTNVS Y CGVLDEECPV QGSGVNFEAK DFLHIKEKYS NDWWIGRLVK EGGDIAFIPS PQRLESIRLK QEQAARRSGN PSSLSDIGNR RSPPPSLAKQ KQKQAEHVPP YDVVPSMRPV VLVGPSLKG Y EVTDMMQKAL FDFLKHFRFDG RISITRV TAD LSLAKRSVLN NPGKRTIER SSARSSIAEV QSEIERIFEL AKSLQLVLD ADTINHPAQL AKTSLAPIIV FVKVSSPKVL QRLIRSRGKS QMKHLTVQMM AYDKLVQCPP ESFDVILDEN QLDDACEHLA EYLEVYWRAT HHPAPGPGML GPPSAIPGLQ NQQLLGERGE EHSPLERDSL MPSDEASESS RQAWTGSSQR SSRHLEEDYA DAYQDLYQPH RQHTSGLPSA NGHDPQDRLL AQDSEHDHND RNWQRNRPWP KDSY
Source	E.coli
Target Names	Cacnb3
Protein Names	Recommended name: Voltage-dependent L-type calcium channel subunit beta-3 Short name= CAB3 Alternative name(s): Calcium channel voltage-dependent subunit beta 3
Expression Region	1-484
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
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. 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.