



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

<b>Product Code</b>	CSB-MP004413RA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P54287
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>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</p>
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Cacnb3
<b>Protein Names</b>	Recommended name: Voltage-dependent L-type calcium channel subunit beta-3 Short name= CAB3 Alternative name(s): Calcium channel voltage-dependent subunit beta 3
<b>Expression Region</b>	1-484
<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>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.
<b>Shelf Life</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.