



Recombinant Rat Amphiphysin (Amph)

Product Code	CSB-BP001683RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O08838
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MADIKTGIFA KNVQKRLNRA QEKVLQKLGK ADETKDEQFE EYVQNFKRQE AEGTRLQREL RGYLAAIKGM QEASMKLTES LHEVYEPDWY GREDVKMVGE KCDVLWEDFH QKLV DGSLLT LDTYLGQFPD IKNRIAKRSR KLVDYDSARH HLEALQSSKR KDES RISKAE EEFQKAQKVF EEFNVDLQEE LPSLWSRRVG FYVNTFKNVS SLEAKFHKEI AVLCHKLYEV MTKLGDQHAD KAFSIQGAPS DSGPLRIAKT PSPPEEASPL PSPTASPNHT LAPASPAPVR PRSPSQTRKG PPVPLPKVT PTKELQQENI INFFEDNFVP EINVTTPSQN EVLEVKKEET LLDLDFDPFK PDVTPAGSAA ATHSPMSQTL PWDLWTTSTD LVQPASGGSF NDFTQPQDTS LFTMQTDQNM AETE QALPTE PQAE EPTTA AAPTAGLDLG LEMEEPKEEA AIPPGTDAGE TVGTEGSTGE EAEAEKAALP AGEGESPEGA KIDVESTELA SESPQAAEL EAGAPQEKVI PSVVI EPASN HEGEEHQETT TGTETREATE DVAPQGPAGE KQELATEPTP LDSQAATPAP AGAVDASLSA GDA AQELPPG FLYKVETLHD FEAANSDEL T LQRGDVVLVV PSDSEADQDA GWLVGVKESD WLQYRDLATY KGLFPENFTR HLE
Source	Baculovirus
Target Names	Amph
Protein Names	Recommended name: Amphiphysin
Expression Region	1-683
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	This gene encodes a protein associated with the cytoplasmic surface of synaptic vesicles. A subset of patients with stiff-man syndrome who were also affected by breast cancer are positive for autoantibodies against this protein. Alternate splicing of this gene results in two transcript variants encoding different isoforms. Additional splice variants have been described, but their full length sequences have not been determined.
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.