



Recombinant Human Amphiphysin (AMPH)

Product Code	CSB-EP001683HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P49418
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MADIKTGIFA KNVQKRLNRA QEKVLQKLGK ADETKDEQFE EYVQNFKRQE AEGTRLQREL RGYLAAIKGM QEASMKLTES LHEVYEPDWY GREDVKMVGE KCDVLWEDFH QKLVDGSLLT LDTYLGQFPD IKNRIAKRSR KLVDYDSARH HLEALQSSKR KDESRIKAE EEFQKAQKVF EEFNVDLQEE LPSLWSRRVG FYVNTFKNVS SLEAKFHKEI AVLCHKLYEV MTKLGDQHAD KAFTIQGAPS DSGPLRIAKT PSPPEEPSPL PSPTASPNHT LAPASPAPAR PRSPSQTRKG PPVPLPKVT PTKELQQENI ISFFEDNFVP EISVTTPSQN EVPEVKKEET LLDLDFDPFK PEVTPAGSAG VTHSPMSQTL PWDLWTTSTD LVQPASGGSF NGFTQPQDTS LFTMQTDQSM ICNLAESEQA PPTPEKAEEL LAAVTPAVGL DLGMDTRAEV PVEEAVIIPG ADADAAVGTLSVAAEGAPGE EAEAEKATVP AGEGVSLEEA KIGTETTEGA ESAQPEAEEL EATVPQEKVI PSVVIIPASN HEEEGENEIT IGAEPKETTE DAAPPGPTSE TPELATEQKP IQDPQPTPSA PAMGAADQLA SAREASQELP PGFLYKVETL HDFEAANSDE LTLQRGDVVL VVPDSEADQ DAGWLVGVKE SDWLQYRDLA TYKGLFPENF TRRLD
Source	E.coli
Target Names	AMPH
Protein Names	Recommended name: Amphiphysin
Expression Region	1-695
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.