



Recombinant Human AMPH Protein Product Manual

1. Product Basic Information

Product No.: REP06133

Protein Name: AMPH

Aliases: amphiphysin

UniProt ID: P49418

UniProt Link: <https://www.uniprot.org/uniprotkb/P49418/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-695aa)

Molecular Weight: 81.3 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-695aa)

MADIKTGIFAKNVQKRLNRAQEKVLQKLGADETKDEQFEEYVQNFKRQEAEGTRL
QRELRGYLAAIKGMQEASMKLTESLHEVYEPDWYGRELVKMGVEKCDVLWEDFH
QKLVDGSLTLDTYLGQFPDIKNRIAKRSRKLVDYDSARHHLEALQSSKRKDESRIS
KAEFEFQKAQKVFEFNVDLQEELPSLWSRRVGFYVNTFKNVSSLEAKFHKEIAVL
CHKLYEVMTKLGDQHADKAFTIQGAPSDSGPLRIAKTPSPPEEPSPLPSPTASPNHT
LAPASPAPARPRSPSQTRKGPPVPPLPKVTPTKELQQENIISFFEDNFVPEISVTTPS
QNEVPEVKKEETLLDLDFDPFKPEVTPAGSAGVTHSPMSQTLPWDLWTTSTDLVQ
PASGGSFNGFTQPQDTSLFTMQTDQSMICNLAESEQAPPTPEKAAEEPLAAVTPAVG
LDLGMDTRAEEPVEEAVIIPGADADAAGVTLVSAAEGAPGEEAEAEKATVPAGEGV
SLEEAKIGTETTEGAESAQPEAELEATVPQEKVIPSVVIEPASNHEEEGENEITIGAE
PKETTEDAAPPGPTSETPELATEQKPIQDPQPTPSAPAMGAADQLASAREASQELP
PGFLYKVETLHDFEAANSDELTLQRGDVVLVVPDSEADQDAGWLGVKESDWLQ
YRDLATYKGLFPENFTRRLD

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements)

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human AMPH full length protein (1-695aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. AMPH, also known as amphiphysin, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.