

Amphiphysin Recombinant Protein | AMPH recombinant protein

Purified Recombinant Amphiphysin protein (His tag) (GST tag)

CATALOG # AAA224725	HOST Human	APPLICATIONS ELISA, Western Blot, SDS-Page
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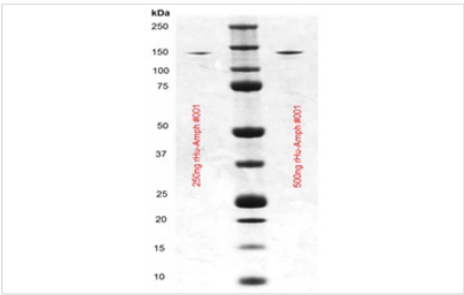
PRODUCT SYNONYMS

Amphiphysin; Purified Recombinant Amphiphysin protein (His tag) (GST tag); Amphiphysin protein; AMPH protein; AMPH1 Protein; AMPH recombinant protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 90% pure
Form/Format	Liquid in 50 mM Tris buffer, pH 8.0, 150 mM NaCL, 10% glycerol, 1 mM EDTA and 2 mM DTT
Concentration	1.0mg/ml (varies by lot)
Sequence Length	1-695 aa
Applicable Applications for AMPH recombinant protein	ELISA, WB (Western Blot), SDS-PAGE
Expression	E Coli
Protein Type	Recombinant
Tag	His tag
Residues	a-695 aa
Product Use	Purified Recombinant Amphiphysin protein for use in SDS-PAGE and Western Blot.
Biological Significance	Amphiphysin is a protein associated with the cytoplasmic surface of synaptic vesicles. Amphiphysin is a brain-enriched protein with an N-terminal lipid interaction, dimerisation and membrane bending BAR domain, a middle clathrin and adaptor binding domain and a C-terminal SH3 domain. In the brain, its primary function is thought to be the recruitment of dynamin to sites of clathrin-mediated endocytosis.
Implications In Disease	Antibodies against AMPH are detected in patients with Stiff Person Syndrome (SPS), a rare disease of the central nervous system characterized by progressive rigidity of the body musculature with superimposed painful spasms. A subset of patients with SPS who were also affected by breast cancer are positive for autoantibodies against this protein.
Sequence Information	Amphiphysin Is composed of 695 amino acids with a molecular weight of 109 kDa. There is a Phosphoserine residue at positions 506. Database Links Entrez Gene: 273 Human,
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on dry ice. Upon receipt store at -70°C.

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Product Categories/Family for AMPH recombinant protein	Neuroscience; Conjugated Proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	550450
NCBI GeneID	273
Molecular Weight	109 kDa
NCBI Official Full Name	amphiphysin
NCBI Official Synonym Full Names	amphiphysin
NCBI Official Symbol	AMPH
NCBI Official Synonym Symbols	AMPH1
NCBI Protein Information	amphiphysin
UniProt Protein Name	Amphiphysin
UniProt Gene Name	AMPH
UniProt Synonym Gene Names	AMPH1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/amph-recombinant-protein-human-elisa-wb-western-blot-sds-page/224725>