

Recombinant Full Length Human AMPH Protein, GST-tagged

Cat. No. AMPH-687HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human AMPH(1 a.a. - 695 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	695 amino acids
Description	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. A pseudogene of this gene is found on chromosome 11.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	102.19 kDa
AA Sequence	MADIKTGIFA KNVQKRLNRA QEKVLQKLKGK ADETKDEQFE EYVQNFKRQE AEGTRLQREL RGYLAAIKGM QEASMKLTES LHEVYEPDWY GREDVKMVGE KCDVLWEDFH QKLVDGSLLT LDTYLGQFPD IKNRIAKRSR KLVDDYDSARH HLEALQSSKR KDESRIKAE EEFQKAQKVF EEFNVDLQEE LPSLWSRRVG FYVNTFKNVS SLEAKFHKEI AVLCHKLYEV MTKLGDQHAD KAFTIQGAPS

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DSGPLRIAKT PSPPEEPSPL PSPTASPNHT LAPASPAPAR PRSPSQTRKG
 PPVPPLPKVT PTKELQQENI ISFFEDNFVP EISVTTSPQN EVPEVKKEET
 LLDLDFDPFK PEVTPAGSAG VTHSPMSQTL PWDLWTTSTD LVQPASGGSF
 NGFTQPQDTS LFTMQTDQSM ICNLAESEQA PPTPEKAEEL LAAVTPAVGL
 DLGMDTRAEE PVEEAVIIPG ADADAAVGTL VSAAEGAPGE EAEAETATVP
 AGEGVSLEEA KIGTETTEGA ESAQPEAEEL EATVPQEKVI PSVVIEPASN
 HEEEGENEIT IGAEPKETTE DAAPPGPTSE TPELATEQKP IQDPQPTPSA
 PAMGAADQLA SAREASQELP PGFLYKVETL HDFEAANSDE LTLQRGDVVL
 VVPSDSEADQ DAGWLVGVKE SDWLQYRDLA TYKGLFPENF TRRLD

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

AMPH amphiphysin [Homo sapiens]

Official Symbol

AMPH

Synonyms

AMPH; amphiphysin; amphiphysin (Stiff Man syndrome with breast cancer 128kDa autoantigen) , amphiphysin (Stiff Mann syndrome with breast cancer 128kD autoantigen); amphiphysin I; amphiphysin (Stiff-Mann syndrome with breast cancer 128kD autoantigen); AMPH1

Gene ID

273

mRNA Refseq

NM_001635

Protein Refseq

NP_001626

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MIM	600418
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UniProt ID	P49418
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