

# Recombinant Full Length Human AMPH Protein, GST-tagged

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

## SPECIFICATION

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

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DSGPLRIAKT PSPPEEPSPL PSPTASPNHT LAPASPAPAR PRSPSQTRKG  
 PPVPPLPKVT PTKELQQENI ISFFEDNFVP EISVTTPSQN EVPEVKKEET  
 LLDLDFDPFK PEVTPAGSAG VTHSPMSQTL PWDLWTTSTD LVQPASGGSF  
 NGFTQPQDTS LFTMQTDQSM ICNLAESEQA PPTPEKAEPP LAAVTPAVGL  
 DLGMDTRAEV PVEEAVIIPG ADADAAVGTL VSAAEGAPGE EAEAETATVP  
 AGEGVSLEEA KIGTETTEGA ESAQPEAEEL EATVPQEKVI PSVVIEPASN  
 HEEEGENEIT IGAEPKETTE DAAPPGPTSE TPELATEQKP IQDPQPTPSA  
 PAMGAADQLA SAREASQELP PGFLYKVELT 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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<b>MIM</b>	600418
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<b>UniProt ID</b>	P49418
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