

# Recombinant Full Length Human BEGAIN Protein, GST-tagged

Cat. No. BEGAIN-1568HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human BEGAIN full-length ORF ( NP_065887.1, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	593 amino acids
<b>Description</b>	Predicted to be involved in regulation of postsynaptic neurotransmitter receptor activity. Predicted to act upstream of or within evoked excitatory postsynaptic potential. Predicted to be located in dendrite; nucleus; and presynapse. Predicted to be active in glutamatergic synapse and postsynapse.
<b>Form</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Molecular Mass</b>	91.2 kDa
<b>AA Sequence</b>	MEKLSALQEQ KGELRKRLSY TTHKLEKLET EFDSTRHYLE IELRRAQEEL EKVTEKLRRRI QSNYMALQRI NQELEDKLYR MGQHYEEEEKR ALSHEIVALN SHLLEAKVTI DKLSEDNELY RKDCNLAAQL LQCSQTYGRV HKVSELPSPDF QERVSLHMEK HGCSLPSPLC HPAYADSVPT CVIKLVLEKP DPASLSSRLS DASARDL AFC DGVEKPGPRP PYKGDYICSD TALYCPEERR RDRRPSVDAP VTDVGFLRAQ NSTDSAAEEE EEAEAAAFPA GFQHEAFPSY AGSLPTSSSY SSFSATSEEK EHAQASTLTA SQQAIYLN SR DELFDRKPPA TTYEGSPRFA

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KATAAVAAPL EAEVAPGFGR TMSYPYPAETF RFPASPGPQQ ALMPPNLWSL  
 RAKPGTARLP GEDMRGQWRP LSVEDIGAYS YPVSAAGRAS PCSFSERYYG  
 GAGGSPGKKA DGRASPLYAS YKADSFSEGD DLSQGHLEAP CFLRAGGDLS  
 LSPGRSADPL PGYAPSEGGD GDRLGVQLCG TASSPEPEQG SRDSLEPSSM  
 EASPEMHAA RLSPQQAFPR TGGSGLSRKD SLTKAQLYGT LLN

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

**Storage Buffer** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name** [BEGAIN brain enriched guanylate kinase associated \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [BEGAIN](#)

**Synonyms** [BEGAIN](#)

**Gene ID** [57596](#)

**mRNA Refseq** [NM\\_020836.2](#)

**Protein Refseq** [NP\\_065887.1](#)

**MIM** [618597](#)

**UniProt ID** [Q9BUH8](#)

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