

Recombinant Full Length Human BEGAIN Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human BEGAIN full-length ORF (NP_065887.1, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	593 amino acids
Description	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.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	91.2 kDa
AA Sequence	MEKLSALQEQ KGELRKRLSY TTHKLEKLET EFDSTRHYLE IELRRAQEEL EKVTEKLRR I QSNYMALQRI NQELEDKLYR MGQHYEEEEKR ALSHEIVALN SHLLEAKVTI DKLSEDNELY RKDCNLAAQL LQCSQTYGRV HKVSELP SDF QERVSLHMEK HGCSLPSP LC HPAYADSVPT CVIKVLKLP DPASLSSRLS DASARDL AFC DGVEKPGPRP PYKGDIYCSD TALYCPEERR RDRRPSVDAP VTDVGFLRAQ NSTDSAAEEE EEAEAAAFPA GFQHEAFPSY AGSLPTSSSY SSFSATSEEK EHAQASTLTA SQQAIYLN SR DELFDRKPPA TTYEGSPRFA

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KATAAVAAPL EAEVAPGFGR TMSPYPAETF RFPASPGPQQ ALMPPNLWSL
 RAKPGTARLP GEDMRGQWRP LSVEDIGAYS YPVSAAGRAS PCSFSERYYG
 GAGGSPGKKA DGRASPLYAS YKADSFSEGD DLSQGHLEAP CFLRAGGDLS
 LSPGRSADPL PGYAPSEGGD GDRLGVQLCG TASSPEPEQG SRDSLEPSSM
 EASPEMHPAA 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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