

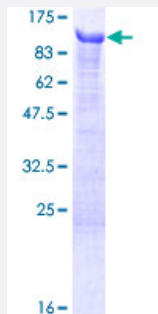
Full-Length

BEGAIN (Human) Recombinant Protein (P01)

Catalog # H00057596-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human BEGAIN full-length ORF (NP_065887.1, 1 a.a. - 593 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEKLSALQEQKGELRKRLSYTHKLEKLETEFDSTRHYLEIELRRAQEELEKVTEKLRRIQSNYMAL
QRINQELEDKLYRMGGHYEEKRALSHVAALNSHLLLEAKVTIDKLSNELYRKDCNLAQQLQC
SQTYGRVHKVSELPDFQERVSLHMEKHGCSLPSLCHPAYADSVPTCVIAKVLEKPDPAASLSS
RLSDASARDLAFCDGVEKPGPRPPYKGDYCSLTALYCEERRRDRRPSVDAPVTDVGFLRAQN
STDSAAAAEEEEAAAFAPAGFQHEAFPSYAGSLPTSSSYSSFSATSEEKEHAQASTLTASQQAIY
LNSRDELFDKPPATTYEGSPRFAKATAAAVAAPLEAEVAPGFGRTMSPYPAETFRFPASPGPQQ
ALMPPNLWSLRAKPGTARLPGEDMRGQWRPLSVEDIGAYSYPVSAAGRASPCSFERYGGAG
GSPGKKADGRASPLYASYKADSFSEGGDLSQGHLEPCFLRAGGDLSPGRSADPLPGYAPS
EGGDGDLRGVQLCGTASSPEPEQGSRDSLEPSSMEASPEMHPAARLSPQQAFPRTGSGLSR
KDSLTKAQLYGTLN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

91.2

Interspecies Antigen Sequence

Mouse (86); Rat (87)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — BEGAIN

Entrez GeneID	57596
GeneBank Accession#	NM_020836.2
Protein Accession#	NP_065887.1
Gene Name	BEGAIN
Gene Alias	KIAA1446
Gene Description	brain-enriched guanylate kinase-associated homolog (rat)
Gene Ontology	Hyperlink
Other Designations	brain-enriched guanylate kinase-associated homolog brain-enriched guanylate kinase-associate d protein likely ortholog of rat brain-enriched guanylate kinase-associated protein

Disease

- [Genetic Predisposition to Disease](#)
- [Obesity](#)