

Datasheet for ABIN7552613

BEGAIN Protein (AA 1-593) (His tag)



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Overview

Quantity:	1 mg
Target:	BEGAIN
Protein Characteristics:	AA 1-593
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BEGAIN protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant BEGAIN Protein expressed in mammalian cells.
Sequence:	<p>MEKLSALQEQ KGELRKRLSY TTHKLEKLET EFDSTRHYLE IELRRAQEEL EKVTEKLRR</p> <p>QSNYMALQRI NQELEDKLYR MGQHYEEER ALSHEIVALN SHLLEAKVTI DKLSEDNELY</p> <p>RKDCNLAAQL LQCSQTYGRV HKVSELP SDF QERVSLHMEK HGCSLPSP LC HPAYADSVPT</p> <p>CVIKLVLEKP DPASLSSRLS DASARDL AFC DGVEKPGPRP PYKGDIYCSD TALYCPEERR</p> <p>RDRRPSVDAP VTDVGFLRAQ NSTDSAAEEE EEAEAAAFPA GFQHEAFPSY AGSLPTSSSY</p> <p>SSFSATSEEK EHAQASTLTA SQQAIYLSNR DELFDRKPPA TTYEGSPRFA KATAA VAAPL</p> <p>EAEVAPGFGR TMSYP AETF RFPASPGPQQ ALMPPNLWSL RAKPGTARLP GEDMRGQWRP</p> <p>LSVEDIGAYS YPVSAAGRAS PCSFSERYYG GAGGSPGKKA DGRASPLYAS YKADSFSEGD</p> <p>DLSQGH LAEP CFLRAGGDLS LSPGRSADPL PGYAPSEGGD GDRLGVQLCG TASSPEPEQG</p> <p>SRDSLEPSSM EASPEMHPAA RLSPQQA FPR TGGSGLSRKD SLTKAQLYGT LLN Sequence</p> <p>without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you</p>

Product Details

have a special request, please contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: BEGAIN

Alternative Name: BEGAIN ([BEGAIN Products](#))

Background: Brain-enriched guanylate kinase-associated protein,FUNCTION: May sustain the structure of the postsynaptic density (PSD).

Molecular Weight: 64.8 kDa

UniProt: [Q9BUH8](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months