

Product datasheet for **TP300943L**

BEGAIN (NM_020836) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human brain-enriched guanylate kinase-associated homolog (rat) (BEGAIN), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC200943 protein sequence
Red=Cloning site Green=Tags(s)

MEKLSALQEQQGELRKRLSYTHHLEKLETEFDSTRHYLEIELRRAQEELEKVTEKLRRIQSNYMALQRI
 NQELEDKLYRMGQHYEEEKRALSHLLEAKVTIDKLESDNELYRKDCNLAAQLLQCSQTYGRV
 HKVSELPDFQERVSLHMEKHGCSLPSLCHPAYADSVPTCVIAKVLEKPD PASLSSRLSDASARDLAF
 DGVEKPGPRPPYKGDYCSDTALYCPERRRRRPSVDAPVTDVGLFLRAQNSTDSAAAAEEEEAEAAFP
 GFQHEAFPSYAGSLPTSSSYSSFSATSEEKEHAQASTLTASQQAIYLSNRDELFDKPPATTYEGSPRFA
 KATAA VAAPLEAEVAPGFGRTMSPYPAETFRFPASPGPQQALMPPNLWSLRAKPGTARLPGEDMRGQWRP
 LSVEDIGAYSYPVSAAGRASPCFSERYGGAGGSPGKADGRASPLYASYKADSFEGDDLSQGH LAEP
 CFLRAGGDLSPGRSADPLPGYAPSEG DGDRLGVQLCGTASSPEPEQGSRDSLEPSSMEASPEMHPAA
 RLSPQQAFPRTGGSGLSRKDSLTKAQLYGTLLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 64.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

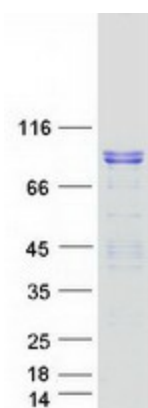
Storage: Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_065887
Locus ID:	57596
UniProt ID:	Q9BUH8
RefSeq Size:	2689
Cytogenetics:	14q32.2
RefSeq ORF:	1779
Summary:	May sustain the structure of the postsynaptic density (PSD).[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified BEGAIN protein (Cat# [TP300943]). The protein was produced from HEK293T cells transfected with BEGAIN cDNA clone (Cat# [RC200943]) using MegaTran 2.0 (Cat# [TT210002]).