

Product datasheet for TP300943M

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), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200943 protein sequence Red =Cloning site Green =Tags(s)

MEKLSALQEQKGELRKRLSYTHHKLEKLETEFDSTRHYLEIELRRAQEELEKVTEKLRRIQSNYMALQRI
NQELEDKLYRMGQHYEEEKRALSHIVALNSHLLLEAKVTIDKLSIEDNELYRKDCNLAAQLLQCSQTYGRV
HKVSELPDFQERVSLHMEKHGCSLPSLCHPAYADSVPTCVIAKVLEKPD PASLSSRLSDASARDL AFC
DGVEKPGPRPPYKGDYICSDTALYCPERRRRDRRPSVDAPVTDVGLFRAQNSTDSAAAAEEEEAEAAFP A
GFQHEAFPSYAGSLPTSSSYSSFSATSEEKEHAQASTLTASQQAIYLN SRDEL FDRKPPATTYEGSPRFA
KATAA VAAPLEAEVAPGFGRTMSPYPAETFRFPASPGPQQALMPPNLW SLRAKPGTARLPGEDMRGQWRP
LSVEDIGAYSYPVSAAGRASPCFSERYGGAGGSPGKKADGRASPLYASYKADSFEGDDLSQGH LAEP
CFLRAGGDL SLSPGRSADPLPGYAPSEGGDGLVQLCGTASSPEPEQGSRDSLEPSSMEASPEMHPAA
RLSPQQAFPRTGGSGLSRKDSLTKAQLYGTLLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

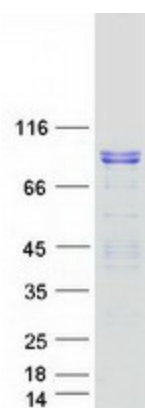
Tag:	C-Myc/DDK
Predicted MW:	64.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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:	<u>NP_065887</u>
Locus ID:	57596
UniProt ID:	<u>Q9BUH8</u>
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]).