

## Product datasheet for **TP328971M**

### **BEGAIN (NM\_001159531) Human Recombinant Protein**

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human brain-enriched guanylate kinase-associated homolog (rat) (BEGAIN), transcript variant 1, 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC228971 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEKLSALQEQQGELRKRLSYTHKLEKLETEFDSTRHYLEIELRRAQEELEKVTEKLRRIQSNYMALQRI  
NQELEDKLYRMGQHYEEEKRALSHIVALNSHLLLEAKVTIDKLSEDNELYRKDCNLAAQLLQCSQTYGRV  
HKVSELPDFQERVSLHMEKHGCSLPSLCHPAYADSVPTCVIAKVLEKPD PASLSSRLSDASARDL AFC  
DGVEKPGPRPPYKGDYCSDTALYCPERRRRRPSVDAPVTDVGLFRAQNSTDSAAAAEEEEAEAAFP A  
GFQHEAFPSYAGSLPTSSSYSSFSATSEEKEHAQASTLTASQQAIYLSNRDELFDKPPATTYEGSPRFA  
KATAA VAAPLEAEVAPGFGRTMSPYPAETFRFPASPGPQQALMPPNLWSLRAKPGTARLPGEDMRGQWRP  
LSVEDIGAYSYPVSAAGRASPCFSERYGGAGGSPGKKADGRASPLYASYKADSFEGDDLSQGH LAEP  
CFLRAGGDLSPGRSADPLPGYAPSEGGDGLVQLCGTASSPEPEQGSRDSLEPSSMEASPEMHPAA  
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:** NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.

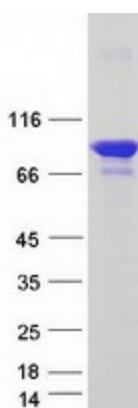
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_001153003</a>
<b>Locus ID:</b>	57596
<b>UniProt ID:</b>	<a href="#">Q9BUH8</a>
<b>RefSeq Size:</b>	2763
<b>Cytogenetics:</b>	14q32.2
<b>RefSeq ORF:</b>	1779
<b>Summary:</b>	May sustain the structure of the postsynaptic density (PSD).[UniProtKB/Swiss-Prot Function]
<b>Protein Families:</b>	Druggable Genome

**Product images:**

Coomassie blue staining of purified BEGAIN protein (Cat# [TP328971]). The protein was produced from HEK293T cells transfected with BEGAIN cDNA clone (Cat# [RC228971]) using MegaTran 2.0 (Cat# [TT210002]).