

Product datasheet for PH300943

BEGAIN (NM_020836) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BEGAIN MS Standard C13 and N15-labeled recombinant protein (NP_065887)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200943
Predicted MW:	64.8 kDa
Protein Sequence:	>RC200943 protein sequence Red=Cloning site Green=Tags(s)

MEKLSALQEKGELRKRLSYTTHKLEKLETFDSTRHYLEIELRRAQEELEKVTLEKLRIQSNYMALQRI
NQELEDKLYRMGQHYEEKRALSHEIVALNSHLLLEAKVTIDKLSKDNLRYKDCNLAAQLLQCSQTYGRV
HKVSELPDFQERVSLHMEKHGCSLPSPLCHPAYADSVPTCVIAKVLEKPDPASSLSSRLSDASARDLAF
DGVEKPGPRPPYKGDIIYCSDTALYCPEERRRRRPSVDAPVTDVGFVLRANSTDSAAAAEAEAAAFPA
GFQHEAFPSYAGSLPTSSSYSSFSATSEEKEHAQASTLTASQQAIYLSNRDELFDKPPATTYEGSPRFA
KATAAVALAEVAPGFGRTMSPYPAETFRFPASPGPQQALMPPNLWSLRAKPGTARLPGEDMRGQWRP
LSVEDIGAYSYPVSAAGRASPCSFERYGGAGGSPGKKADGRASPLYASYKADSFSEGDDLSQLHAE
CFLRAGGDLSPGRSADPLPGYAPSEGGDGLGVQLCGTASSPEPEQGSRDSLEPSSMEASPEMHPAA
RLSPQQAFPRRTGGSLSRKDSLTKAQLYGTLLN

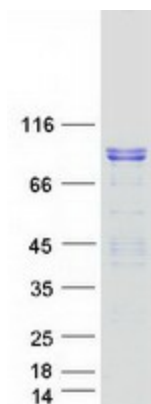
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_065887
RefSeq Size:	2689
RefSeq ORF:	1779



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Locus ID:	57596
UniProt ID:	Q9BUH8
Cytogenetics:	14q32.2
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]).