OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH308259

BLCAP (NM_006698) Human Mass Spec Standard

Product data:

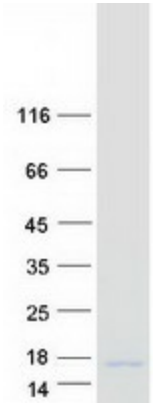
Product Type:	Mass Spec Standards
Description:	BLCAP MS Standard C13 and N15-labeled recombinant protein (NP_006689)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208259
Predicted MW:	9.7 kDa
Protein Sequence:	>RC208259 representing NM_006698 Red=Cloning site Green=Tags(s) MYCLQWLLPVLLIPKPLNPALWFSHSMFMGFYLLSFLLERKPCTICALVFLAALFLICYSCWGNCFLYHC SDSPLPESAHDPGVVGT 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_006689
RefSeq Size:	2057
RefSeq ORF:	261
Synonyms:	BC10
Locus ID:	10904
UniProt ID:	P62952
Cytogenetics:	20q11.23

View online »

Summary: This gene encodes a protein that reduces cell growth by stimulating apoptosis. Alternative splicing and the use of alternative promoters result in multiple transcript variants encoding the same protein. This gene is imprinted in brain where different transcript variants are expressed from each parental allele. Transcript variants initiating from the upstream promoter are expressed preferentially from the maternal allele, while transcript variants initiating downstream of the interspersed NNAT gene (GeneID:4826) are expressed from the paternal allele. Transcripts at this locus may also undergo A to I editing, resulting in amino acid changes at three positions in the N-terminus of the protein. [provided by RefSeq, Nov 2015]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified BLCAP protein (Cat# [TP308259]). The protein was produced from HEK293T cells transfected with BLCAP cDNA clone (Cat# [RC208259]) using MegaTran 2.0 (Cat# [TT210002]).