

Product datasheet for PH302764

CAPZA2 (NM_006136) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CAPZA2 MS Standard C13 and N15-labeled recombinant protein (NP_006127)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202764
Predicted MW:	32.9 kDa
Protein Sequence:	<p>>RC202764 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MADLEEQLSDEEKVRIAAKFIIHAPPGFEFNEVFNDVRLLLNNDNLLREGAAHFAQYNLDQFTPVKIEGY EDQVLITEHGDLGNGKFLDPKNRICFKFDHLRKEATDPRPCEVENAVESWRSTVETALRAYVKEHYPNGV CTYVGKKIDGQQTIIACIESHQFQAKNFWNGRWRSEWKFITPSTTQVVGILKIQVHYEDGNVQLVSHK DIQDSLTVSNEVQTAKEFIKIVEAAENEYQTAISENYQTMSDITFKALRRQLPVTRTKIDWNKILSYKIG KEMQNA</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_006127</u>
RefSeq Size:	2373
RefSeq ORF:	858
Synonyms:	CAPPA2; CAPZ
Locus ID:	830


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UniProt ID: [P47755](#), [A4D0V4](#)

Cytogenetics: 7q31.2

Summary: The protein encoded by this gene is a member of the F-actin capping protein alpha subunit family. It is the alpha subunit of the barbed-end actin binding protein Cap Z. By capping the barbed end of actin filaments, Cap Z regulates the growth of the actin filaments at the barbed end. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified CAPZA2 protein (Cat# [TP302764]). The protein was produced from HEK293T cells transfected with CAPZA2 cDNA clone (Cat# [RC202764]) using MegaTran 2.0 (Cat# [TT210002]).