

Product datasheet for PH301642

CAPZA1 (NM_006135) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CAPZA1 MS Standard C13 and N15-labeled recombinant protein (NP_006126)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201642
Predicted MW:	32.9 kDa
Protein Sequence:	>RC201642 protein sequence Red=Cloning site Green=Tags(s)
	MADFDDRVSDEEKVRIA AKFITHAPPGFEVNFVNDVRLLLNNDNLLREGAAHFAQYNMQFTPVKIEGY EDQVLITEHGDLGNSRFLDPRNKISFKFDHLRKEASDPQPEEADGGLKSWRESCDSALRAYKDHYSNGF CTVYAKTIDGQQTIIACIESHQFQPKNFWNGRWRSEWKF TITPPTAQVVGVLKIQVHYEDGNVQLVSHK DVQDSLTVSNEAQTAKFEIKIIEAENEYQTAISENYQTMSDTTFKALRRQLPVTRTKIDWNKILSYKIG KEMQNA
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_006126</u>
RefSeq Size:	2758
RefSeq ORF:	858
Synonyms:	CAPPA1; CAPZ; CAZ1
Locus ID:	829



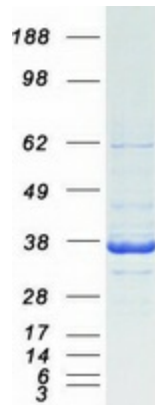
[View online »](#)

UniProt ID: [P52907](#)

Cytogenetics: 1p13.2

Summary: CAPZA1 is a member of the F-actin capping protein alpha subunit family. This gene encodes the alpha subunit of the barbed-end actin binding protein. The protein regulates growth of the actin filament by capping the barbed end of growing actin filaments. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified CAPZA1 protein (Cat# [TP301642]). The protein was produced from HEK293T cells transfected with CAPZA1 cDNA clone (Cat# [RC201642]) using MegaTran 2.0 (Cat# [TT210002]).