

Product datasheet for TP302764

CAPZA2 (NM_006136) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human capping protein (actin filament) muscle Z-line, alpha 2 (CAPZA2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202764 protein sequence Red =Cloning site Green =Tags(s) MADLEEQLSDEEKVRIAAKFIIHAPPGFEFNEVFNDVRLLLNNDNLLREGAAHAFAQYNLDQFTPVKIEGY EDQVLITEHGDLGNGKFLDPKNRICFKFDHLRKEATDPRPCEVENAVESWRTSVETALRAYVKEHYPNGV CTYVGKKIDGQQTIIACIESHQFQAKNFWNGRWRSEWKFTITPSTTQVVGILKIQVHYEDGNVQLVSHK DIQDSLTVSNEVQTAKEFIKIVEAAENEYQTAISENYQTMSDTTFKALRRQLPVTRTKIDWNKILSYKIG KEMQNA TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	32.8 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:	Recombinant protein 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006127</u>
Locus ID:	830


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UniProt ID: [P47755](#)

RefSeq Size: 2373

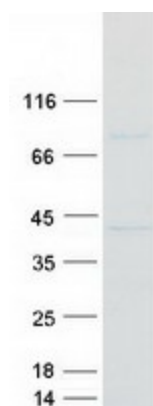
Cytogenetics: 7q31.2

RefSeq ORF: 858

Synonyms: CAPPA2; CAPZ

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]).