

# Recombinant Full Length Human CAPZA2 Protein, C-Flag-tagged

**Cat. No.** CAPZA2-2095HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human CAPZA2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	32.8 kDa
<b>AA Sequence</b>	MADLEEQLSDEEKVRIAAKFIIHAPPGEFNEVFNDVRLLLNNDNLLREGAAHAFAQYN LDQFTPVKIEGY EDQVLITEHGDLGNGKFLDPKNRICFKFDHLRKEATDPRPCEVEN AVESWRTSVETALRAYVKEHYPNGV CTVYGKKIDGQQTIIACIESHQFQAKNFWNG RWRSEWKFTITPSTTQVVGILKIQVHYEDGNVQLVSHK DIQDSLTVSNEVQTAKEF IKIVEAAENEYQTAISENYQTMSDITFKALRRQLPVTRTKIDWNKILSYKIG KEMQNA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Full Length</b>	Full L.

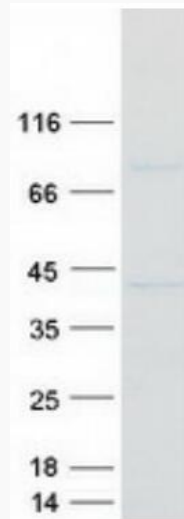
## GENE INFORMATION

<b>Gene Name</b>	CAPZA2 capping actin protein of muscle Z-line subunit alpha 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	CAPZA2
<b>Synonyms</b>	CAPZ; CAPPA2
<b>Gene ID</b>	830
<b>mRNA Refseq</b>	NM_006136.3
<b>Protein Refseq</b>	NP_006127.1
<b>MIM</b>	601571
<b>UniProt ID</b>	P54710

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Coomassie blue staining of purified CAPZA2 protein.

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