

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

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

SPECIFICATION

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

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

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

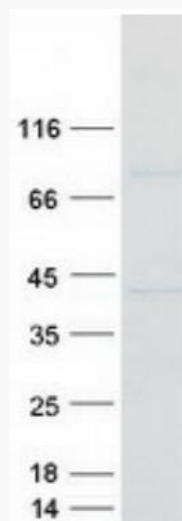
GENE INFORMATION

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

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Coomassie blue staining of purified CAPZA2 protein.

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