

Recombinant Full Length Human CAPZA2 Protein, GST-tagged

Cat. No. CAPZA2-2851HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAPZA2 full-length ORF (AAH05338.1, 1 a.a. - 286 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	286 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	57.09 kDa
AA Sequence	MADLEEQLSDEEKVRIAAKFIIHAPPGEFNEVFNDVRLLLNNDNLLREGAAHAFAQYN LDQFTPVKIEGYEDQVLITEHGD LGNGKFLDPKNRICFKFDHLRKEATDPRPCEVEN AVESWRTSVETALRAYVKEHYPNGVCTVYGKKIDGQQTIIACIESHQFQAKNFWNG RWRSEWKFTITPSTTQVVGILKIQVHYEDGNVQLVSHKDIQDSLTVSNEVQTAKEFI KIVEAAENEYQTAISENYQTMSDTTFKALRRQLPVTRTKIDWNKILSYKIGKEMQNA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Protein Array

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CAPZA2 capping protein (actin filament) muscle Z-line, alpha 2 [Homo sapiens]
Official Symbol	CAPZA2
Synonyms	CAPZA2; capping protein (actin filament) muscle Z-line, alpha 2; F-actin-capping protein subunit alpha-2; CAPPA2; CAPZ; F actin capping protein alpha 2 subunit; capZ alpha-2; F-actin capping protein alpha-2 subunit;
Gene ID	830
mRNA Refseq	NM_006136
Protein Refseq	NP_006127
MIM	601571
UniProt ID	P47755

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