

# Recombinant Full Length Human CAPZA1 Protein, GST-tagged

Cat. No. CAPZA1-2847HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CAPZA1 full-length ORF (AAH00144, 1 a.a. - 286 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	286 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	57.2 kDa
<b>AA Sequence</b>	MADFDDRVSDEEKVRIAAKFITHAPPGEFNEVFNDVLLLLNNDNLLREGAAHAFAQY NMDQFTPVKIEGYEDQVLITEHGDLGNSRFLDPRNKISFKFDHLRKEASDPQPPEAD GGLKSWRESCDSALRAYVKDHYSNGFCTVYAKTIDGQQTIIACIESHQFQPKNFWN GRWRSEWKFTITPPTAQVVGVLKIQVHYEDGNVQLVSHKDVQDSLTVSNEAQTAK EFIKIINAENEYQTAISENYQTMSDITTFKALRRQLPVTRTKIDWNKILSYKIGKEMQN A
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production  
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** CAPZA1 capping protein (actin filament) muscle Z-line, alpha 1 [ Homo sapiens ]

**Official Symbol** CAPZA1

**Synonyms** CAPZA1; capping protein (actin filament) muscle Z-line, alpha 1; F-actin-capping protein subunit alpha-1; Cap Z; capZ alpha-1; CAPZ; CAZ1; CAPPA1;

**Gene ID** 829

**mRNA Refseq** NM\_006135

**Protein Refseq** NP\_006126

**MIM** 601580

**UniProt ID** P52907

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