

Recombinant Human CAPZA1 Protein, GST-Tagged

Cat. No. CAPZA1-0382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAPZA1 full-length ORF (AAH00144, 1 a.a. - 286 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	57.2 kDa
AA Sequence	MADFDDRVSDEEKVRIAAKFITHAPPGEFNEVFNDVRLLLNNDNLLREGAAHAFAQY NMDQFTPVKIEGYEDQVLITEHGDLGNSRFLDPRNKISFKFDHLRKEASDPQPPEAD GGLKSWRESCDSALRAYVKDHYSGFCTVYAKTIDGQQTIACIESHQFQPKNFWN GRWRSEWKFTITPPTAQVVGVLKIQVHYEDGNVQLVSHKDVQDSLTVSNEAQTAKE EFIKIENAENEYQTAISENYQTMSDTTFKALRRQLPVTRTKIDWNKILSYKIGKEMQN A
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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