

Recombinant Human CAPZA1

Cat. No. CAPZA1-26237TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human CAPZA1 with an N terminal proprietary tag; Predicted MWt 35.42 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	89 amino acids
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.
Molecular Weight	35.420kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	LGNSRFLDPRNKISFKFDHLRKEASDPQPEEADGGLKSWRESCDSALRAYVKDHYS NGFCTVYAKTIDGQQTIACIESHQFQPKNFWN
Sequence Similarities	Belongs to the F-actin-capping protein alpha subunit family.
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;
Gene ID	829
mRNA Refseq	NM_006135
Protein Refseq	NP_006126
MIM	601580
Uniprot ID	P52907
Chromosome Location	1p13.2
Pathway	Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem;

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Function

actin binding;

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