

Recombinant Human Capping Protein (Actin Filament) Muscle Z-line, Alpha 1 CAPZA1, T7-tagged

Cat. No. CAPZA1-2913H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human capping protein (actin filament) muscle Z-line, alpha 1, fused to T7-tag at N-terminus, was expressed in E.coli. The molecular weight is 32792 Da (286 aa).
Species	Human
Source	E.coli
Description	Capping protein (actin filament) muscle Z-line, alpha 1 also known as CAPZA1, is a human gene. 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.
Sequences of amino acids	1-286 aa
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ .
Purity	95%

GENE INFORMATION

Gene Name	CAPZA1 capping protein (actin filament) muscle Z-line, alpha 1 [Homo sapiens]
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Synonyms	CAPPA1; CAPZ; CAZ1; CapZ 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
Function	actin binding; protein binding
PDBrendering based on 1izn.	