

# Recombinant Human CAPZA2 protein, His-tagged

**Cat. No.** CAPZA2-10715H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CAPZA2 protein(1-286 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-286 aa                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                      |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |

## GENE INFORMATION

|                        |                                                                                                                                                                  |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <b>CAPZA2</b>                                                                                                                                                    |
| <b>Synonyms</b>        | 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; |

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capZ alpha-2; F-actin capping protein alpha-2 subunit;

**Gene ID** 830

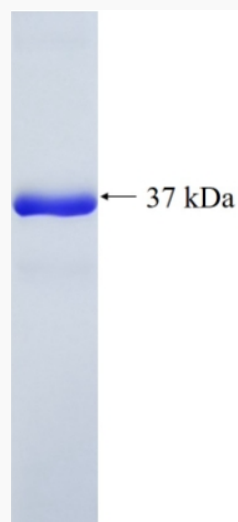
**mRNA Refseq** NM\_006136

**Protein Refseq** NP\_006127

**MIM** 601571

**UniProt ID** P47755

**SDS-PAGE**



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