

## Recombinant Human CAPZA2 protein, His-SUMO-tagged

Cat. No. CAPZA2-2632H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CAPZA2 protein(P47755)(2-286aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-286aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	48.8 kDa
<b>AA Sequence</b>	ADLEEQLSDEEKVRIAAKFIIHAPPGEFNEVFNDVRLLLNNDNLLREGAAHAFQAQYNL DQFTPVKIEGYEDQVLITEHGD LGNGKFLDPKNRICFKFDHLRKEATDPRPCEVENA VESWRTSVETALRAYVKEHYPNGVCTVYGKKIDGQQTIACIESHQFQAKNFWNGR WRSEWKFTITPSTTQVVGILKIQVHYYEDGNVQLVSHKDIQDSLTVSNEVQTAKEFIKI VEAAENEYQTAISENYQTMSDTTFKALRRQLPVTRTKIDWNKILSYKIGKEMQNA
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [CAPZA2 capping protein \(actin filament\) muscle Z-line, alpha 2 \[ Homo sapiens \]](#)

**Official Symbol** [CAPZA2](#)

**Synonyms**

CAPZA2; capping protein (actin filament) muscle Z-line, alpha 2; F-actin-capping protein subunit alpha-2; CAPP2; CAPZ; F actin capping protein alpha 2 subunit; 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](#)

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