

## Recombinant Human CAPZB Protein, MYC/DDK-tagged

Cat. No. CAPZB-2484H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CAPZB protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene encodes the beta subunit of the barbed-end actin binding protein, which belongs to the F-actin capping protein family. The capping protein is a heterodimeric actin capping protein that blocks actin filament assembly and disassembly at the fast growing (barbed) filament ends and functions in regulating actin filament dynamics as well as in stabilizing actin filament lengths in muscle and nonmuscle cells. A pseudogene of this gene is located on the long arm of chromosome 2. Multiple alternatively spliced transcript variants encoding different isoforms have been found.</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	30.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	CAPZB capping protein (actin filament) muscle Z-line, beta [ Homo sapiens ]
<b>Official Symbol</b>	CAPZB
<b>Synonyms</b>	CAPB; CAPPB; CAPZ
<b>Gene ID</b>	832
<b>mRNA Refseq</b>	NM_001206540
<b>Protein Refseq</b>	NP_001193469
<b>MIM</b>	601572
<b>UniProt ID</b>	P47756

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