

Recombinant Human CAPZB Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CAPZB protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	30.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

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