

**PRODUCT INFORMATION**

<b>Target</b>	CAPZB
<b>Synonyms</b>	CAPB; CAPPB; CAPZ
<b>Description</b>	Recombinant protein of human capping protein (actin filament) muscle Z-line, beta (CAPZB)
<b>Delivery</b>	2-3 weeks
<b>Uniprot ID</b>	P47756
<b>Expression Host</b>	HEK293T
<b>Tag</b>	C-Myc/DDK
<b>Molecular Characterization</b>	N/A
<b>Molecular Weight</b>	30.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Formulation &amp; Reconstitution</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
<b>Storage &amp; Shipping</b>	Store at -80°C.
<b>Background</b>	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.[provided by RefSeq, Aug 2013]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated

