

Recombinant Full Length Human CAPZB Protein, GST-tagged

Cat. No. CAPZB-2854HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CAPZB full-length ORF (AAH08095.1, 1 a.a. - 79 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	79 amino acids
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.[provided by RefSeq, Aug 2013]
Molecular Mass	35.1 kDa
AA Sequence	MLNLCFMLTRHAVHSLDSFLRKLVFCSLPSSLPSPTGHITAASLTAQRHLSLRIKPIAT LLRLRACFCHTSLSVLSTFP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CAPZB capping protein (actin filament) muscle Z-line, beta [Homo sapiens]

Official Symbol CAPZB

Synonyms CAPZB; capping protein (actin filament) muscle Z-line, beta; F-actin-capping protein subunit beta; capZ beta; CAPB; CAPZ; CAPPB; FLJ12274; FLJ44693; MGC104401; MGC129749; MGC129750; DKFZp686K0524;

Gene ID 832

mRNA Refseq NM_001206540

Protein Refseq NP_001193469

MIM 601572

UniProt ID P47756

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