Recombinant Human CAPZB, His-tagged

Cat. No. CAPZB-10717H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CAPZB protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	2-243a.a.
Description	The protein encoded by this gene belongs to the dual specificity protein phosphatase family. It was identified as a cyclin-dependent kinase inhibitor, and has been shown to interact with, and dephosphorylate CDK2 kinase, thus prevent the activation of CDK2 kinase. This gene was reported to be deleted, mutated, or overexpressed in several kinds of cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

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

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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
Chromosome Location	1p36.1
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	actin binding;

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