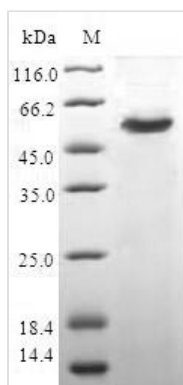




Recombinant Human F-actin-capping protein subunit beta (CAPZB)

Product Code	CSB-EP004514HU
Relevance	F-actin-capping proteins bind in a Ca ²⁺ -independent manner to the fast growing ends of actin filaments (barbed end) thereby blocking the exchange of subunits at these ends. Unlike other capping proteins (such as gelsolin and severin), these proteins do not sever actin filaments. Plays a role in the regulation of cell morphology and cytoskeletal organization.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P47756
Alias	CapZ beta
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MSDQQLDCALDMRRLPPQQIEKNLSDLIDLVP SLCEDLLSSVDQPLKIARDKV VGKDYLLCDYNRDGDSYRSPWSNKYDP PLEDGAMP SARLRKLEVEANNAFD QYRDLYFEGGVSSVYLWDL DHGFAGVILIKKAGDGSKKIKGCWDSIHVVEVQE KSSGRTAHYKLTSTVMLWLQTNKSGSGTMNLG GSLTRQMEKDET VSDCSPHI ANIGRLVEDMENKIRSTLNEIYFGKTKDIVNGL RSVQTFADKSKQEALKNDLVE ALKRKQQC
Lead Time	Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time.
Research Area	Signal Transduction
Source	E.coli
Gene Names	CAPZB
Protein Names	Recommended name: F-actin-capping protein subunit beta Alternative name(s): CapZ beta
Expression Region	1-272aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	57.6kDa
Protein Description	Full Length of Isoform 2
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.