



# Recombinant Human Ensconsin (MAP7)

<b>Product Code</b>	CSB-BP618880HU
<b>Abbreviation</b>	MAP7
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q14244
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AELGAGGDG HRGGDGAVRS ETAPDSYKVQ DKKNASSRPA SAISGQNNNH SGNKPDPPPV LRVDDRQLA RERREEREKQ LAAREIVWLE REERARQHYE KHLEERKKRL EEQRQKEERR RAAVEEKRRQ RLEEDKERHE AVVRRTMERS QKPKQKHNRW SWGGSLHGSP SIHSADPDRR SVSTMNLSKY VDPVISKRLS SSSATLLNSP DRARLQLSP WESSVVRLL TPTHSLFARS KSTAALSGEA ASCSPIMPY KAAHSRNSMD RPKLFVTPPE GSSRRRIHG TASYKKERER ENVLFLTSGT RRAVSPSNPK ARQPARSRLW LPSKSLPHLP GTPRPTSSLP PGSVKAAPAQ VRPPSPGNIR PVKREVKVEP EKKDPEKEPQ KVANEPSLKG RAPLVKVEEA TVEERTPAEP EVGPAAPAMA PAPASAPAPA SAPAPAPVPT PAMVSAPSST VNASASVKTS AGTTDPEEAT RLLAEKRRLA REQREKEERE RREQEELERQ KREELAQRVA EERTTTRREEE SRRLEAEQAR EKEEQLQRQA EERALREREE AERAQRQKEE EARVREEAER VRQEREKHFQ REEQERLERK KRLEEIMKRT RRTEATDKKT SDQRNGDIAK GALTGGTEVS ALPCTTNAPG NGKPVGSPHV VTSHQSKVTV ESTPDLEKQP NENGVSQNE NFEEIINLPI GSKPSRLDVT NSESPEIPLN PILAFDDEGT LGPLPQVDGV QTQQTAEVI
<b>Source</b>	Baculovirus
<b>Target Names</b>	MAP7
<b>Protein Names</b>	Recommended name: Ensconsin Alternative name(s): Epithelial microtubule-associated protein of 115 kDa Short name= E-MAP-115 Microtubule-associated protein 7 Short name= MAP-7
<b>Expression Region</b>	2-749
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	The product of this gene is a microtubule-associated protein that is predominantly expressed in cells of epithelial origin. Microtubule-associated proteins are thought to be involved in microtubule dynamics, which is essential for cell polarization and differentiation. This protein has been shown to be able



to stabilize microtubules, and may serve to modulate microtubule functions. Studies of the related mouse protein also suggested an essential role in microtubule function required for spermatogenesis.

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**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.

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**Shelf Life**

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