



# Recombinant Rat Septin-10 (41527)

<b>Product Code</b>	CSB-EP725155RA
<b>Abbreviation</b>	41527
<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>	Q5PQK1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MASCDEV RQL KKEHTRSLTM CGHVG FESLP DQLVDRSIEQ GFCFNILCVG ETGIGKSTLI NTLFNTNFEE LESSHFCPCV RLRAQTYELQ ESNVRLKLT VNTVGF GDQI NKEESYQPIV DYIDNQFEAY LQEELKIKRA LFNHYHDSRIH VCLYFIAPTG HSLRTL DLLT MKSLDNKVNI IPLIAKADTI SKSELQKFKM KLMSELVING VQIQFPTDD DTTAKINGAM NGHLPFAVVG SMDEIKVGNK MVKARQYPWG IVQVENENHC DFKLREMLI CTNMEDLREQ THMRHYELR RCKLQEMGFI DIGPENKPLS LQETYEAKRH EFCGERQRKE EQMKQMFVQR VKEKEAILKE AERELQAKFE HLKRIHQEER MKLEEKRRML EEESVAFACK KATCELFPHQ SFLASGSSIR RDKDRKKT DG ASAFDCITA QENVRLCISS QRKEMD
<b>Source</b>	E.coli
<b>Target Names</b>	Sept10
<b>Protein Names</b>	Recommended name: Septin-10
<b>Expression Region</b>	1-456
<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 protein
<b>Target Details</b>	This gene encodes a member of the septin family of cytoskeletal proteins with GTPase activity. This protein localizes to the cytoplasm and nucleus and displays GTP-binding and GTPase activity. Alternate splicing results in two transcript variants encoding different isoforms.
<b>Reconstitution</b>	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.
<b>Shelf Life</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.