



Recombinant Rat Septin-10 (41527)

Product Code	CSB-MP725155RA
Abbreviation	41527
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.	Q5PQK1
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	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 DFVKLREMLI CTNMEDLREQ THMRHYEL YR RCKLQEMGFI DIGPENKPLS LQETYEAKRH EFCGERQRKE EQMKQMFVQR VKEKEAILKE AERELQAKFE HLKRIHQEER MKLEEKRRML EEESVAF AKK KATCELFPHQ SFLASGSSIR RDKDRKKT DG ASAFDCITA QENVRLCISS QRKEMD
Source	Mammalian cell
Target Names	Sept10
Protein Names	Recommended name: Septin-10
Expression Region	1-456
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
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.
Shelf Life	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.