



Recombinant Human Septin-6 (41523)

Product Code	CSB-EP623902HU
Abbreviation	41523
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.	Q14141
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	AATDIARQV GEGCRTVPLA GHVGFDLSPD QLVNKSVSQG FCFNILCVGE TGLGKSTLMD TLFNTKFEGE PATHTQPGVQ LQSNTYDLQE SNVRLKLTIV STVGFGDQIN KEDSYKPIVE FIDAEFEAYL QEELKIRRVL HTYHDSRIHV CLYFIAPTGH SLKSLDLVTM KKLDSKVNII PIIAKADAIS KSELTCKFIK ITSELVSNGV QIQFPTDDE SVAEINGTMN AHLPAFVIGS TEELKIGNKM MRARQYPWGT VQVENEAHCD FVKLREMLIR VNMEDLREQT HTRHYELYRR CKLEEMGFKD TDPDSKPFSL QETYEAKRNE FLGELQKKEE EMRQMFVQRV KEKEAELKEA EKELHEKFDR LKKLHQDEKK KLEDKKKSLD DEVNAFKQRK TAAELLQSQG SQAGGSQTLK RDKEKKNNPW LCTE
Source	E.coli
Target Names	SEPT6
Protein Names	Recommended name: Septin-6
Expression Region	2-434
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 of Mature Protein
Target Details	This gene is a member of the septin family of GTPases. Members of this family are required for cytokinesis. One version of pediatric acute myeloid leukemia is the result of a reciprocal translocation between chromosomes 11 and X, with the breakpoint associated with the genes encoding the mixed-lineage leukemia and septin 2 proteins. This gene encodes four transcript variants encoding three distinct isoforms. An additional transcript variant has been identified, but its biological validity has not been determined.
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.