



Recombinant Escherichia coli N-acetylmannosamine kinase (nanK)

Product Code	CSB-MP544001ENX
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.	B1LGI7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain SMS-3-5 / SECEC)
Purity	≥85% (SDS-PAGE)
Sequence	MTTLAIDIGG TKLAAALIGA DGQIRDREL PTPASQTPEA LRDALSALVS PLQVHAQRVA IASTGIIRDG SLLALNPHNL GLLHFPLVK TLEQLTDLPT IAINDAQAAA WAEYQALEGD ITEMVFITVS TGVGGGVVSG GKLLTGP GGL AGHIGHTLAD PHGPVCGCGR TGCVEIASG RGIAAAAQGE LAGANAKTIF THAGQGDEQA QQLIHRSART LARLIADIK A TTDCQCVVVG GSVGLAEGYL ALVETYL AQE PAAFHV D LLA AHYRH DAGLL GAALLAQGEK L
Source	Mammalian cell
Target Names	nanK
Protein Names	Recommended name: N-acetylmannosamine kinase EC= 2.7.1.60 Alternative name(s): ManNAc kinase N-acetyl-D-mannosamine kinase
Expression Region	1-291
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
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.