



Recombinant N-acetylmannosamine kinase (nanK1)

Product Code	CSB-EP812539EGX-B
Abbreviation	nanK1
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.	Q8FD60
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTTLAIDIGG TKLAAALIGA DGQIRDREL PTPASQTPQA LRDALSALVS PLQAHQRVA IASTGIIRDG SLLALNPHNL GLLHFPLVK TLEQLTNLPT IAINDAQAAA WAEYQALDGD ITDMVFITVS TGVGGGVVSG GKLRTGPGGL AGHIGHTLAD PHGPVCGCGR TGCVEIASG RGIATAAQGE LAGANAKTIF TRAGQGDEQA QQLIHSART LARLIADIKI TTDCQCVVVG GSVGLAEGYL ALVETYLAEQ PAAFHVDDLLA AHYRHDAGLL GAALLAQGEI L
Source	E.coli
Target Names	nanK1
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.