Recombinant N-acetylneuraminate lyase (nanA)

Product Code	CSB-YP015994EJE
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A1AGB9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O1:K1 / APEC
Purity	>85% (SDS-PAGE)
Sequence	MATNLRGVMA ALLTPFDQQQ ALDKASLRRL VQFNIQQGID GLYVGGSTGE AFVQSLSERE QVLEIVAEEA KGKIKLIAHV GCVSTAESQQ LAASAKRYGF DAVSAVTPFY YPFSFEEHCD HYRAIIDSAD GLPMVVYNIP ALSGVKLTLD QINTLVTLPG VGALKQTSGD LYQMEQIRRE HPDLVLYNGY DEIFASGLLA GADGGIGSTY NIMGWRYQGI VKALKEGDIQ TAQKLQTECN KVIDLLIKTG VFRGLKTVLH YMDVVSVPLC RKPFGPVDEK YLPELKALAQ QLMQERG
Source	Yeast
Target Names	nanA
Protein Names	Recommended name: N-acetylneuraminate lyase EC= 4.1.3.3 Alternative name(s): N-acetylneuraminate pyruvate-lyase N-acetylneuraminic acid aldolase Sialate lyase Sialic acid aldolase Sialic acid lyase
Expression Region	1-297
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.