



Recombinant Escherichia coli O139:H28 N-acetylneuraminase epimerase (nanM)

Product Code	CSB-EP422009EJD-B
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.	A7ZVK8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O139:H28 (strain E24377A / ETEC)
Purity	>85% (SDS-PAGE)
Sequence	S VLPETPVPFK SGTGAINDT VYIGLGSAGT AWYKLDTQAK DKKWTALAAF PGGPRDQATS AFIDGNLYVF GGIGKNSEGL TQVFNDVHKY NPKTNSWVKL MSHAPMG MAG HVT FVHNGKA YVTGGVNQNI FNGYFEDLNE AGKDSTAVDK INAYYFDKKA EDYFFNKFL SFD PSTQQWS YAGESPWYGT AGAAVVNKGD KTWLINGEAK PGLRTDAVFE LDFTGNNLKW NKLAPVSSPD GVAGGFAGIS NDSLIFAGGA GFKGSRENYQ NGKNYAHEGL KKSYSTDIHL WHNGKWDKSG ELSQGRAYGV SLPWNNLLI IGGETAGGKA VTDSVFISVK DNKVTVQN
Source	E.coli
Target Names	nanM
Protein Names	Recommended name: N-acetylneuraminase epimerase EC= 5.1.3.24 Alternative name(s): N-acetylneuraminase mutarotase Short name= Neu5Ac mutarotase Sialic acid epimerase
Expression Region	20-368
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
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.