



Recombinant N-acetylneuraminate epimerase 1 (nanM1)

Product Code	CSB-EP809406EGX-B
Abbreviation	nanM1
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.	Q8CVR2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	LPEIP EPFKYGVGGI ENGKIYIGLG SLGNNWYMID TNQSEKKWTK IAQWPTVPRE QATATIIDGK IYVFGGIGKD TSGVITLQKD VYSYDIKDK WEKLMTRPPV SLAGHVSFIH NGHAVSTGGV NENIFNGYFS DVELSKGNSA LTEKVNRYDF SKPADDYFLN NHIISYDPSK NQWKNLGTTP FPGTAGSSVI FAEQQIYILG GERKPGLRSV RSWGELSHD RIKWSELPPV ASPEGVSGAY ASVIDGNIFL AGGAYFPGAA EKYSNGEYWS HKGLDKAYSK EIYQLIKNDW KKVGSLEPEGL AYGVSLEPWQG GMLILGGEKK DGKAVSDVIY LKKNDKQIKI VK
Source	E.coli
Target Names	nanM1
Protein Names	Recommended name: N-acetylneuraminate epimerase 1 EC= 5.1.3.24 Alternative name(s): N-acetylneuraminate mutarotase 1 Short name= Neu5Ac mutarotase 1 Sialic acid epimerase 1
Expression Region	26-372
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.