



# Recombinant N-acetylneuraminate epimerase 1 (nanM1)

<b>Product Code</b>	CSB-YP809406EGX
<b>Abbreviation</b>	nanM1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8CVR2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	LPEIP EPFKYGVGGI ENGKIYIGLG SLGNNWYMID TNQSEKKWTK IAQWPTVPRE QATATIIDGK IYVFGGIGKD TSGVITLQKD VYSYDIADKDK WEKLMTRPPV SLAGHVSFIH NGHAVSTGGV NENIFNGYFS DVELSKGNSA LTEKVNRDYF SKPADDYFLN NHIISYDPSK NQWKNLGTTP FPGTAGSSVI FAEQQIYILG GERKPGLRSV RSWGELSHD RIKWSELPPV ASPEGVSGAY ASVIDGNIFL AGGAYFPGAA EKYSNGEYWS HKGLDKAYSK EIYQLIKNDW KKVGS LPEGL AYGVS LPWQG GMLILGGEKK DGKAVSDVIY LKKNDKQIKI VK
<b>Source</b>	Yeast
<b>Target Names</b>	nanM1
<b>Protein Names</b>	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
<b>Expression Region</b>	26-372
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.