Recombinant N-acetylneuraminate lyase 2 (nanA2)

Product Code	CSB-EP811263EGX
Abbreviation	nanA2
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.	Q8FDU7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MQCEFKGVIS ALPTPYDQSQ QIDMESLRKL IRFNIEQNIK GLYVGGSTGE AFLQNVAERE KILETVADES DGRLTLIAHV GGISTAESEV LAKAAKKYGY HAISAVTPFY YPFSFEEHCI HYRKIIDSAD GLPMVVYNIP ALSGVRFSLD QINELVTIPR VCALKQTSGD LFQMEQIKRN HPELVLYNGY DEIFASGLIA GADGGIGSTY NIMGWRYLEI FEAVKNNDVI KAKEMQVACN QVIDTLIQSG VLAGIKTLLY YMGIINTPVC RSPFSPVKEK NLDVLSKLAE RLFEEHDRNK KMKII
Source	E.coli
Target Names	nanA2
Protein Names	Recommended name: N-acetylneuraminate lyase 2 EC= 4.1.3.3 Alternative name(s): N-acetylneuraminate pyruvate-lyase 2 N-acetylneuraminic acid aldolase 2 Sialate lyase 2 Sialic acid aldolase 2 Sialic acid lyase 2
Expression Region	1-305
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.