



Recombinant N-acylneuraminat cytidyltransferase (neuA)

Product Code	CSB-EP005601ENL-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P13266
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli
Purity	>85% (SDS-PAGE)
Sequence	MRTKIIAIP ARSGSKGLRN KNALMLIDKP LLAYTIEAAL QSEMFEKVIV TTDSEQYGAI AESYGADFL RPEELATDKA SSFEFIKHAL SIYTDYESFA LLQPTSPFRD STHIEAVKL YQTLEKYQCV VSVTRSNKPS QIIRPLDDYS TLSFFDL DYS KYNRNSIVEY HPNGAIFIAN KQHYLHTKHF FG RYSLAYIM DKESLDIDD RMDFELAITI QQKKNRQKID LYQNIHNRIN EKRNEFDSVS DITLIGHSLF DYWDVKKIND IEVNNLGIAG INSKEYYEYI IEKELIVNFG EFVFIFFGTN DIVVSDWKKE DTLWYLKKT C QYIKKKNAAS KIYLLSVPPV FGRIDRDNRI INDLNSYLRE NVDFAKFISL DHVLKDSYGN LNKMYTYDGL HFNSNGYTVL ENEIAEIVK
Source	E.coli
Target Names	neuA
Protein Names	Recommended name: N-acylneuraminat cytidyltransferase EC= 2.7.7.43 Alternative name(s): CMP-N-acetylneuraminic acid synthase Short name= CMP- NeuNAc synthase
Expression Region	1-419
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.