



Recombinant Escherichia coli O45:K1 Sulfate adenylyltransferase subunit 1 (cysN)

Product Code	CSB-EP486959EOK-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.	B7MKM5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MNTALAQQIA NEGGVEAWMI AQQHKSLLRF LTCGSVDDGK STLIGRLLHD TRQIYEDQLS SLHNDSKRHG TQGEKLDLAL LVDGLQAERE QGITIDVAYR YFSTEKRKFI IADTPGHEQY TRNMATGAST CELAILLIDA RKGVLQDQTRR HSFISTLLGI KHLVVAINKM DLVDYSEETF TRIREDYLTG AGQLPGNLDI RFVPLSALEG DNVASQSESM PWYSGPTLLE VLETVEIQRV VDAQPMRFPV QYVNRPNLDF RGYAGTLASG RVEVGQRVKV LPSGVESNVA RIVTFDGDRE EAFAGEAITL VLTDEIDISR GDLLLADEA LPAVQSASVD VVWMAEQPLS PGQSYDIKIA GKKTRARVDG IHYQVDINNL TQREVENLPL NGIGLVDLTF DEPLVLDRYQ QNPVTGGLIF IDRLSNVTVG AGMVHEPVSQ ATAAPSEFSA FELELNALVR RHFPHWGARD LLGDK
Source	E.coli
Target Names	cysN
Protein Names	Recommended name: Sulfate adenylyltransferase subunit 1 EC= 2.7.7.4 Alternative name(s): ATP-sulfurylase large subunit Sulfate adenylate transferase Short name= SAT
Expression Region	1-475
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.