



Recombinant Escherichia coli O45:K1 Spermidine synthase (speE)

Product Code	CSB-EP022668EOK
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B7MBA4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MAEKKQWHET LHDQFGQYFA VDNVLYHEKT DHQDLIIFEN AAFGRVMALD GVVQTTERDE FIYHEMMTHV PLLAHGHAKH VLIIGGGDGA MLREVTRHKN VESITMVEID AGVVSFCRQY LPNHNAGSYD DPRFKLVIDD GVNFNQTNQ TFDVIISDCT DFIGPGESLF TSAFYEGCKR CLNPGGIFVA QNGVCFLQQE EAIDSHRKLS HYFSDVGFYQ AAIPYYGGI MTFAWATDND ALRHLSTEI QARFLASGLK CRYYNPAVHT AAFALPQYLQ DALASQPS
Source	E.coli
Target Names	speE
Protein Names	Recommended name: Spermidine synthase EC= 2.5.1.16 Alternative name(s): Putrescine aminopropyltransferase Short name= PAPT SPDSY
Expression Region	1-288
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.