



# Recombinant Escherichia coli O7:K1 Succinyl-diaminopimelate desuccinylase (dapE)

<b>Product Code</b>	CSB-EP484697EON
<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>	B7NQK9
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSCPVIELTQ QLIRRPSLSP DDAGCQALLI ERLQAIGFTV ERMDFADTQN FWAWRGQGET LAFAGHTDVV PPGDADRWIN PFEPTIRDG MLFGRGAADM KGSLAAMVVA AERFVAQHPN HAGRLAFLIT SDEEASAHNG TVKVVEALMA RNERLDYCLV GEPSSIEVVG DVVKNRRGS LTCNLTIHGV QGHVAYPHLA DNPVHRAAPF LNELVAIEWD QGNEFFPATS MQIANIQAGT GSNNVIPGEL FVQFNFRFST ELTDEMIKAQ VLALLEKHQL RYTVDDWWLSG QPFLTARGKL VDAVVNAVEH YNEIKPQLLT TGGTSDGRFI ARMGAQVVEL GPVNATIHKI NECVNAADLQ LLARMYQRIM EQLVA
<b>Source</b>	E.coli
<b>Target Names</b>	dapE
<b>Protein Names</b>	Recommended name: Succinyl-diaminopimelate desuccinylase Short name= SDAP desuccinylase EC= 3.5.1.18 Alternative name(s): N-succinyl-L-2,6-diaminoheptanedioate amidohydrolase
<b>Expression Region</b>	1-375
<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 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.