



# Recombinant Escherichia coli O7:K1 8-amino-7-oxononanoate synthase (bioF)

<b>Product Code</b>	CSB-EP486373EON-B
<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>	B7NNK6
<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>	MSWQDKINAA LDARRAADAL RRRYPVAQGA GRWLVADDRQ YLNFSNDYL GLSHHPQIIR AWKLGAEQFG VGSGGSGHVS GYSVAHQVLE EELAEWLGYS RALLFISGFA ANQAVIAAMM AKEDRIVADR LSHASLLEAA SLSPSPLRRF AHNDVTHLAR LLASPCPGQQ LVVTEGVFSM DGDSAPLEEI QQVTQQHDGW LMVDDAHGTG VIGEQQRGSC WLQKVKPELL VVTFGKGFV SGAAVLCSNT VADYLLQFAR HLIYSTSMPP AQAQALRASL AVIRSDEGDA RREKLVSLIA RFRAGVQDLP FTLADSCSAI QPLIVGDNSR ALQLAEKLRQ QGCWVTAIRP PTVPAGTARL RLTLTAAHEM QDIDRLLEVL HGND
<b>Source</b>	E.coli
<b>Target Names</b>	bioF
<b>Protein Names</b>	Recommended name: 8-amino-7-oxononanoate synthase Short name= AONS EC= 2.3.1.47 Alternative name(s): 7-keto-8-amino-pelargonic acid synthase Short name= 7-KAP synthase Short name= KAPA synthase 8-amino-7-ketopelargo
<b>Expression Region</b>	1-384
<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.