



# Recombinant Escherichia coli O81 Ribulokinase (araB)

<b>Product Code</b>	CSB-EP484449EOP
<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>	B7MNS0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O81 (strain ED1a)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAIAIGLDFG SDSVRALAVD CATGEEIATS VEWYPRWQNG QFCDAPNNQF RHHPRDYIES MEAALKTVLA ELSVEQREAV VGIGVDTTGS TPAPIDADGN VLALRPEFAE NPNAMFVLWK DHTAVEEAE ITRLCHTPGN VDYSRYIGGI YSSEFWAKI LHITRQDNAV AQSAASWIEL CDWVPALLSG TTRPQDIRRG RCSAGHKSLW HESWGGPPA SFFDELDPIL NRHLPSPFLT ETWTADIPVG TLCPEWAQRL GLPESVVISG GAFDCHMGAV GAGAQPINALV KVIGTSTCDI LIADKQSVGE RAVKGICGQV DGSVVPFGFIG LEAGQSAFGD IYAWFGRVLG WPLEQLAAQH PELKEQINAS QKQLPALTE AWAKNPSLDH LPVVLDFWNG RRTPNANQRL KGVITDLNLA TDAPLLFGGL IAATAFGARA IMECFTAQGI AVNNVMALGG IARKNQVIMQ ACCDVLNRPL QIVASDQCCA LGAAIFAAVA AKVHADIPSA QKMASAVEK TLQPCSEQAQ RFEQLYRRYQ QWAMSAEQHY LPTSAPAQAA QAVPTL
<b>Source</b>	E.coli
<b>Target Names</b>	araB
<b>Protein Names</b>	Recommended name: Ribulokinase EC= 2.7.1.16
<b>Expression Region</b>	1-566
<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.