



# Recombinant Escherichia coli D-allose import ATP-binding protein AlsA (alsA)

<b>Product Code</b>	CSB-EP330191ENV
<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>	P32721
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MATPYISMAG IGKSFPGPVHA LKSVNLTVYP GEIHALLGEN GAGKSTLMKV LSGIHEPTKG TITINNISYN KLDHKLAAQL GIGIIYQELS VIDELTVLEN LYIGRHLTKK ICGVNIIDWR EMRVRAAMML LRVGLKVDLD EKVANLSISH KQMLEIAKTL MLDAKVIIMD EPTSSLTNKE VDYLFLIMNQ LRKEGTAIVY ISHKLAEIRR ICDRYTVMKD GSSVCSGIVS DVSNDIVRL MVGRELQNR NAMKENVSNL AHETVFEVRN VTSRDRKKVR DISFSVCRGE ILGFAGLVGS GRTELMNCLF GVDKRAGGEI RLNGKDISPR SPLDAVKKGM AYITESRRDN GFFPNFSIAQ NMAISRSLKD GGYKGLAMGLF HEVDEQRTAE NQRELLALKC HSVNQNITEL SGGNQQKQLI SKWLCCCPEV IIFDEPTRGI DVGAKAEIYK VMRQLADDGK VILMVSSSELP EIITVCDRIA VFCEGRLTQI LTNRDDMSEE EIMAWALPQE
<b>Source</b>	E.coli
<b>Target Names</b>	alsA
<b>Protein Names</b>	Recommended name: D-allose import ATP-binding protein AlsA EC= 3.6.3.17
<b>Expression Region</b>	1-510
<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.