



# Recombinant Polysialic acid transport protein kpsD (kpsD)

<b>Product Code</b>	CSB-EP331452ENL-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>	P42213
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	TIDINADPNL TGAAPLTGIL NGQKSDTQNM SGFDNTPPPA PPVMSRMFG AQLFNGTSAD SGATVGFNPD YILNPGDSIQ VRLWGAFTFD GALQVDPKGN IFLPNVGPVK IAGVSNSQLN ALVTSKVKEV YQSNVNVYAS LLQAQPVKVVY VTGFVRNPGL YGGVTSDSL NYLIKAGGVD PERGSYVDIV VKRGNRVRSN VNLYDFLLNG KLGLSQFADG DTIIVGPRQH TFSVQGDVFN SYDFEFRESS IPVTEALSWA RPKPGATHIT IMRKQGLQKR SEYYPISAP GRMLQNGDTL IVSTDRYAGT IQVRVEGAHS GEHAMVLPYG STMRAVLEKV RPNSMSQMNA VQLYRPSVAQ RQKEMLNLSL QKLEEASLSA QSSTKEEASL RMQEAQLISR FVAKARTVVP KGEVILNESN IDSVLLEDGD VINIPEKTSL VMVHGEVLFPP NAVSWQKGMT TEDYIEKCGG LTQKSGNARI IVIRQNGARV NAEDVDSLKP GDEIMVLPKY ESKNIEVTRG ISTILYQLAV GAKVILSL
<b>Source</b>	E.coli
<b>Target Names</b>	kpsD
<b>Protein Names</b>	Recommended name: Polysialic acid transport protein kpsD
<b>Expression Region</b>	21-558
<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 of Mature 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.