



# Recombinant Escherichia coli Protein UshA (ushA)

<b>Product Code</b>	CSB-EP362018ENV
<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>	P07024
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	YEQDK TYKITVLHTN DHHGHFWRNE YGEYGLAAQK TLVDGIRKEV AAEGGSVLLL SGGDINTGVP ESDLQDAEPD FRGMNLVGYD AMAIGNHEFD NPLTVLRQQE KWAKFPLLSA NIYQKSTGER LFKPWALFKR QDLKIAVIGL TTDDTAKIGN PEYFTDIEFR KPADEAKLVI QELQQTEKPD IIIAATHMGH YDNGEHGSNA PGDVEMARAL PAGSLAMIVG GHSQDPVCMA AENKKQVDYV PGTPCKPDQQ NGIWIVQAHE WGKYVGRADF EFRNGEMKMV NYQLIPVNLK KKVTWEDGKS ERVLYTPEIA ENQQMISLLS PFQNKGKAQL EVKIGETNGR LEGDRDKVRF VQTNMGRLLI AAQMDRTGAD FAVMSGGGIR DSIEAGDISY KNVLKVQPFV NVVVYADMTG KEVIDYLTAV AQMKPDSGAY PQFANVSFVA KDGKLNLDKI KGEPVDPAKT YRMATLNFNA TGGDGYPRLD NKPGYVNTGF IDAEVLKAYI QKSSPLDVSV YEPKGEVSWQ
<b>Source</b>	E.coli
<b>Target Names</b>	ushA
<b>Protein Names</b>	Recommended name: Protein UshA Including the following 2 domains: UDP-sugar hydrolase EC= 3.6.1.45 Alternative name(s): UDP-sugar diphosphatase UDP-sugar pyrophosphatase 5'-nucleotidase Short name= 5'-NT EC= 3.
<b>Expression Region</b>	26-550
<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.