



# Recombinant Chaperone surA (surA)

<b>Product Code</b>	CSB-EP724087YAH-B
<b>Abbreviation</b>	surA
<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>	Q66EQ7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Yersinia pseudotuberculosis serotype I (strain IP32953)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	APQEVDKVAA VVDNGVVLQS DIDGLLQSVK MNAQQSGQQV PDDSTLRHQI LERLIMDNIQ LQMAKKMGIT ITDQALDKAI ADIAAQNRMT LAQMRSRLAA DGLSYDTYRE QIRKEMLTSE VRNNEVRRRI TILPQEVESL AKQMGNQVSG DTELNLSHIL IPLPENPTQQ QVDQAEDLAN KLVADIKGGA DFGKLAIANS ADSQALKGGQ MGWGKLQELP SLFAERLQSA HKGEIVGPIR SGVGFHILKV NDMRGADQTI SVTEVNARHI LLKPSPMMTD EQARAKLEAA AAEIKSGKTS FATIAKEISQ DPGSAMQGGG LGWASPDIYD PAFRDALMKL KKGEISAPVH SSFGWHLIQL VDTRQVDKTD AAQKERAYRM LFNRFKFAEEA QTWMQEQRAA AYVKILDGSN AQPQ
<b>Source</b>	E.coli
<b>Target Names</b>	surA
<b>Protein Names</b>	Recommended name: Chaperone surA Alternative name(s): Peptidyl-prolyl cis-trans isomerase surA Short name= PPlase surA EC= 5.2.1.8 Rotamase surA
<b>Expression Region</b>	21-434
<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.