Sigma Factor-Binding Protein Crl (crl) Escherichia Coli Recombinant Protein

PRODUCT OVERVIEW

Product Name	Sigma factor-binding protein crl (crl), Recombinant Protein
Full Product Name	Recombinant Escherichia coli Sigma factor-binding protein crl (crl)
Product Gene Name	crl recombinant protein
Sequence	MTLPSGHPKS RLIKKFTALG PYIREGKCKD NRFFFDCLAV CVNVKPAPEV REFWGWWMEL EAQESRFTYS YQFGLFDKAG DWKSVPVKDT EVVERLEHTL REFHEKLREL LTTLNLKLEP ADDFRDEPVK LTA
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	15,655 Da
Sequence Positions	1-133, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for C4ZT97
Species	Escherichia coli (strain K12 / MC4100 / BW2952)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for crl recombinant protein	MBS1070459 is a recombinant protein targeting crl. Also known as Recombinant Escherichia coli Sigma factor-binding protein crl (crl). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of crl recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for crl. It may not necessarily be applicable to this product.

NCBI GI #	446096834
NCBI Accession #	WP_000174689.1
UniProt Primary Accession #	C4ZT97
GenBank Nucleotide #	WP_000174689.1
NCBI Official Full Name	sigma factor-binding protein Crl
UniProt Protein Name	Sigma factor-binding protein Crl
Protein Family	Chromophore lyase

UniProt Gene Name	crl
UniProt Comments for crl	Binds to the sigma-S subunit of RNA polymerase, activating expression of sigma-S-regulated genes. Stimulates RNA polymerase holoenzyme formation and may bind to several other sigma factors, such as sigma-70 and sigma-32.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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