



# Recombinant Escherichia coli Cyclic di-GMP phosphodiesterase Gmr (gmr)

<b>Product Code</b>	CSB-EP302861ENV-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P77334
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKTVRESTTL YNFLGSHNPY WRLTESSDVL RFSTTETTEP DRTLQLSAEQ AARIREMTVI TSSLMMSLTV DESDLSVHLV GRKINKREWA GNASAWHDTP AVARDLSHGL SFAEQVVSEA HSAIVILDSR GNIQRFNRLC EDYTGLKEHD VIGQSVFKLF MSRREAAASR RNNRVFFRSG NAYEVELWIP TCKGQRLFLF RNKFBVHSGSG KNEIFLICSG TDITEERRAQ ERLRILANTD SITGLPNRNA MQDLIDHAIN HADNNKVGVV YLDLDNFKKV NDAYGHFLFGD QLLRDVSLAI LSCLEHDQVL ARPGGDEFLV LASNTSQSAL EAMASRILTR LRLPFRIGLI EYVTSCSVGI ALSPEHGSDS TAIIRHADTA MYTAKEGGRG QFCVFTPEMN QRVFEYLWLD TNLRKALEND QLVIIHYQPKI TWRGEVRSLE ALVRWQSPER GLIPPLDFIS YAEESGLIVP LGRWVILDVV RQVAKWRDKG INLRVAVNIS ARQLADQTIF TALKQVLQEL NFEYCPIDVE LTESCLIEND ELALSVIQQF SQLGAQVHLD DFGTGYSSLS QLARFPIDAI KLDQVFVRDI HKQPVSQSLV RAIVAVAQAL NLQVIAEGVE SAKEDAFGTK NGINERQGF LFAKPMPAVAF ERWYKRYLKR A
<b>Source</b>	E.coli
<b>Target Names</b>	pdeR
<b>Protein Names</b>	Recommended name: Cyclic di-GMP phosphodiesterase Gmr EC= 3.1.4.52
<b>Expression Region</b>	1-661
<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.