



# Recombinant Diguanylate cyclase yddV (yddV)

<b>Product Code</b>	CSB-EP774497SZB-B
<b>Abbreviation</b>	yddV
<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>	Q83KV7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Shigella flexneri
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MEMYFKRMKD EWTGLVEQAD PLIRAKAAEI ALAHAHYLSI EFYRIVRIDP HAEFLSNEQ VERQLKSAME RWIINVLSAQ VDDVERLIQI QHTVAEVHAR IGIPVEIVEM GFRVLKKILY PVIFSSDYSA AEKLQVYHFS INSIDIAMEV MTRAFTFSDS SASKEDENYR IFSLLENAAE EKERQIASIL SWEIDIYKYV LLDSDLGSSL PLSQADFGLW FNHKGRHYFS GIAEVGHISR LIQDFDGIFN QTMRNTRILN NRSLRVKFL QIRNTVSQII TLLRELFEEV SRHEVGMDVL TKLLNRRFLP TIFKREIAHA NRTGTPLSVL IIDVDKFKEI NDTWGHNTGD EILRKVSFSL QKRLVKSKIL GAGSSRKLAV S
<b>Source</b>	E.coli
<b>Target Names</b>	dosC
<b>Protein Names</b>	Recommended name: Diguanylate cyclase yddV Short name= DGC EC= 2.7.7.65
<b>Expression Region</b>	1-381
<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.