

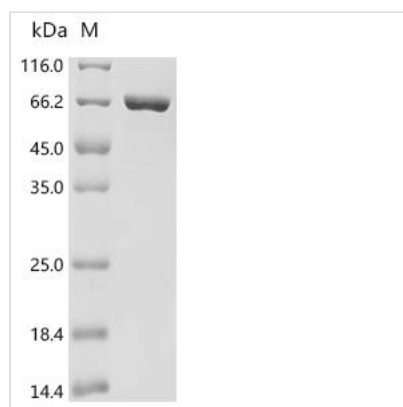


Recombinant Aquifex aeolicus Reverse gyrase 2 (rgy2), partial

Product Code	CSB-EP524126DNV1
Abbreviation	Recombinant Aquifex aeolicus rgy2 protein, partial
Storage	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?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.
Uniprot No.	O67226
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Product Type	Recombinant Aquifex aeolicus Reverse gyrase 2 (rgy2), partial
Immunogen Species	Aquifex aeolicus (strain VF5)
Sensitivity	Not Test
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	DLFKTTLVIVESPNKARTIAGFFGKPMRLVEDSVAYEVPLGDRLLVITASLGHV LDLVTDKGGFFGVLD DTPYLPVYDTIKICRETHEQHT EYEY LKKRCKGKIEDKLE I IKG VREVS YE VDEVFIATDPDAEGEKIGYDLYLLSKPFNFNIKRAEFHEVTPKAF REAIQNPREV DLNLVKAQLVRRILDRWVGFTLSHILWDAFGKKWLSAGRVQTP VLGWVIKRYEESKEKKGEILLHVND FPLKIEIEDLMFAKEIFKDLELADISLSNPQ EEEKRPLPPYTTDTVLEDANEKLHLSAHKTMKILQELFEAGYITYHRTDSTRVS DAGKYLVAKP YITKMFGE EYFYPRSWGEGGAHECIRPTRPLEPKDLEFMITAGI AEFEDPENALKVYELIFKRFMASQMRPAKVITEE IILKL P YFEWKERVVTEVKEH GFDLMYPTFKVFPKKEKLEITHKEFREV PKVYPYTQGT LIQEMKRRGLGRPST YAQIVQTL LERHYVVEEKGFLIPTDLGREVYEYLT KHFPEWTSEELTRKLEEAM DKIERGELDYMEVLKEVHRIKVLLKEEKAFKK
Research Area	Others
Source	E.coli
Target Names	rgy2
Expression Region	583-1159aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	C-terminal 6xHis-tagged
Mol. Weight	74.5 kDa
Protein Length	Partial



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

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.

Shelf Life

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.