



Recombinant Escherichia coli 5-keto-4-deoxy-D-glucarate aldolase (garL)

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|--------------------------|---|
| Product Code | CSB-BP633393EGW |
| Abbreviation | garL |
| 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |
| Uniprot No. | Q1R6L1 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain UTI89 / UPEC) |
| Purity | >85% (SDS-PAGE) |
| Sequence | MNNDVFPNKF KAALAAKQVQ IGCWSALSNP ISTEVLGLAG FDWLVL DGEH APNDISTFIP QLMALKGSAS APVVRVPTNE PVIKRLLDI GFYNFLIPFV ETKEEAEQAV ASTRYPPEGI RGVSVSHRAN MFGTVADYFA QSNKNITLV QIESQQGVDN VDAIAATEGV DGIFVGPSDL AAALGHLGNA SHPDVQKAIQ HIFNRASAHG KPSGILAPVE ADARRYLEWG ATFVAVGSDL GVFRSATQKL ADTFKK |
| Source | Baculovirus |
| Target Names | garL |
| Protein Names | Recommended name: 5-keto-4-deoxy-D-glucarate aldolase Short name= KDGluc aldolase Short name= KDGlucA EC= 4.1.2.20 Alternative name(s): 2-dehydro-3-deoxy-D-glucarate aldolase 2-keto-3-deoxy-D-glucarate aldolase 5-dehyd |
| Expression Region | 1-256 |
| Notes | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| Tag Info | Tag type will be determined during the manufacturing process. |
| Protein Length | full length protein |
| 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. |
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