

Recombinant Sulfolobus solfataricus DNA-binding protein 7d

Catalog No: #AP72923

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP72923-1 20ug #AP72923-2 100ug #AP72923-3 1mg

Description

| | |
|-----------------------|---|
| Product Name | Recombinant Sulfolobus solfataricus DNA-binding protein 7d |
| Brief Description | Recombinant Protein |
| Host Species | Yeast |
| Purification | Greater than 90% as determined by SDS-PAGE. |
| Immunogen Description | Expression Region:2-64aaSequence Info:Full Length |
| Other Names | 7KDA DNA-binding protein dSso7d |
| Accession No. | P39476 |
| Uniprot | P39476 |
| GeneID | 38466979; |
| Calculated MW | 9.1 kDa |
| Tag Info | N-terminal 6xHis-tagged |
| Target Sequence | ATVKFKYKGEEKEVDISKIKKVVWRVGMISFTYDEGGGKTGRGAVSEKDAPKELLQMLEKQKK |
| Formulation | Tris-based buffer50% glycerol |
| 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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |

Background

Constrain negative DNA supercoils; may be involved in maintaining the integrity of their genome at high tperature. Stimulates the Holliday junction cleavage activity of Hjc.

References

The complete genome of the crenarchaeon Sulfolobus solfataricus P2.She Q., Singh R.K., Confalonieri F., Zivanovic Y., Allard G., Awayez M.J., Chan-Weiher C.C.-Y., Clausen I.G., Curtis B.A., De Moors A., Erauso G., Fletcher C., Gordon P.M.K., Heikamp-de Jong I., Jeffries A.C., Kozera C.J., Medina N., Peng X. , Thi-Ngoc H.P., Redder P., Schenk M.E., Theriault C., Tolstrup N., Charlebois R.L., Doolittle W.F., Duguet M., Gaasterland T., Garrett R.A., Ragan M.A., Sensen C.W., Van der Oost J.Proc. Natl. Acad. Sci. U.S.A. 98:7835-7840(2001)Research Topic:Others

Note: This product is for in vitro research use only