

Recombinant Sulfolobus solfataricus DNA-binding protein 7d(sso7d)

Catalog No: #AP71061

Package Size: #AP71061-1 20ug #AP71061-2 100ug #AP71061-3 1mg

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Description

Product Name	Recombinant Sulfolobus solfataricus DNA-binding protein 7d(sso7d)
Host Species	E.coli
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
Calculated MW	23.1 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	ATVKFKYKGEEKEVDISKIKVWRVGKMISFTYDEGGGKTGRGAVSEKDAPKELLQMLEKQKK
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 and is not intended for use in humans or animals.