

Sso7d Protein, Sulfolobus solfataricus, Recombinant (His & SUMO)

General Information

Synonyms:	sso7d;7 kDa DNA-binding protein d;sso7d-1;DNA-binding protein 7d
Protein Construction:	2-64 aa
Species:	Sulfolobus solfataricus
Expression Host:	E. coli
Accession:	P39476
Molecular Weight:	23.1 kDa (predicted)
AA Sequence:	ATVKFKYKGEEKEVDISKIKKVVWRVGMISFTYDEGGGKTGRGAVSEKDAPKELLQMLEKQKK

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Can constrain negative DNA supercoils. May be involved in maintaining the integrity of the genome at high temperature. Stimulates the Holliday junction cleavage activity of Hjc.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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