

Recombinant Staphylococcus aureus dnaK Protein, His-tagged

Cat. No. dnaK-15S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Staphylococcus aureus dnaK Protein, fused to His-tag, was expressed in E. coli.
Species	Staphylococcus aureus
Source	E.coli
Description	molecular chaperone DnaK.
Form	Supplied as a 0.2 µm filtered solution in PBS (pH 7.4).
Molecular Mass	~80.5 kDa
AA Sequence	MSKIIGIDLGTNSCVTVLEGDEPKVIQNPEGSRTTPSVVAFKNGETQVGEVAKRQAI TNPNTVQSIKRHMGTDYKVDIEGKSYTPQEISAMILQNLKNTAESYLGEKVDKAVITV PAYFNDAERQATKDAGKIAGLEVERIINEPTAAALAYGLDKTDKDEKVLVFDLGGGTF DVSILELGDGVFEVLSTAGDNKLGDDFDQVIIDYLVAEFKKENGVDLSQDKMALQR LKDAAEKAKKDLGVSQTQISLPFISAGENGPLHLEVNLTRSKFEELSDSLIRRTMEP TRQAMKDAGLTNSDIDEVILVGGSTRIPAVQEAVKKEIGKEPNKGVNPDEVVAMGAA IQGGVITGDVKDVLLDVTPLSLGIEILGGRMNTLIERNTTIPTSKSQIYSTAVDNQPSV DVHVLQGERPMAADNKTIGRFQLTDIPPAERGKPKQIEVTFDIDKNGIVNVTAKDLGT NKEQRITIQSSSSLSDEEIDRMVKDAEVNAEADKKRREEVDLRNEADSLVFQVEKTL TDLGENIGEEDKKSAAEEKDALKTALEGQDIEDIKSKKEELEKVIQELSAKVYEQAAQ QQQQAQGANAGQNNDSTVEDAEFKEVKDDDDKK

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Purity >85%

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 3.7 mg/ml

GENE INFORMATION

Gene Name dnaK molecular chaperone DnaK [*Staphylococcus aureus* subsp. *aureus* NCTC 8325]

Official Symbol dnaK

Gene ID 3921795

Protein Refseq YP_500193

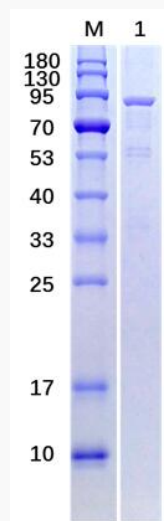
UniProt ID P64408

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SDS-PAGE



12% reducing SDS-PAGE analysis of purified DNAK (approximately 2 mg protein loaded).

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