

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 LKDAAEKAKKDLGVSQTQISLPFISAGENGPLHLEVLNTRSKFEELSDSLIRRTMEP 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

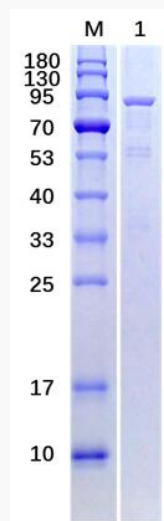
Gene Name	dnaK molecular chaperone DnaK [Staphylococcus aureus subsp. aureus NCTC 8325]
Official Symbol	dnaK
Gene ID	3921795
Protein Refseq	YP_500193
UniProt ID	P64408

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SDS-PAGE



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

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