

Recombinant *Staphylococcus aureus* dnaK Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant <i>Staphylococcus aureus</i> dnaK Protein, fused to His-tag, was expressed in <i>E. coli</i> .
Species	<i>Staphylococcus aureus</i>
Source	<i>E. coli</i>
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	<p>MSKIIGIDLGTTNSCVTVLEGDEPKVIQNPEGSRTTPSVVAFKNGETQVGEVAKRQAI TNPNTVQSIKRHMGTDYKVDIEGKSYTPQEISAMILQNLKNTAESYLGEKVDKAVITV PAYFNDAERQATKDAGKIAGLEVERIINEPTAAALAYGLDKTDKDEKVLVFDLGGGTF DVSILELGDGVFEVLSTAGDNKLGDDDFDQVIIDYLVAEFKKENGVDLSQDKMALQR LKDAAEKAKKDLGVSQTQISLPFISAGENGPLHLEVLNTRSKFEELSDSLIRRTMEP TRQAMKDAGLTNSDIDEVILVGGSTRIPAVQEAVKKEIGKEPNKGVNPDEVVAMGAA IQGGVITGDVKDVLLDVTPLSLGIEILGGRMNTLIERNTTIPTSKSQIYSTAVDNQPSV DVHVLQGERPMAADNKT LGRFQLTDIPPAERGKPKQIEVTFDIDKNGIVNVTAKDLGT NKEQRITIQSSSSLSDEEIDRMVKDAEVNAEADKKRREEVDLRNEADSLVFQVEKTL TDLGENIGEEDKKSAAEEKDALKTALEGQDIEDIKSKKEELEKVIQELSAKVYEQAAQ QQQQAQGAGANAGQNNDSTVEDAEFKEVKDDDDKK</p>

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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

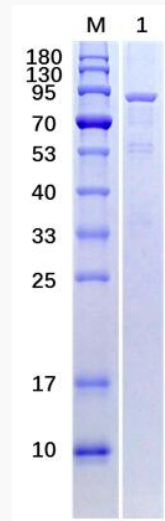
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SDS-PAGE



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

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