

Recombinant Escherichia coli dnaK protein, His-tagged

Cat. No. dnaK-4455E Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Escherichia coli dnaK protein(Q1RGI8)(1-638aa), fused to N-terminal His tag, was expressed in E. coli
Species	E.coli
Source	E.coli
ProteinLength	1-638aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	73.1 kDa
AA Sequence	<p>MGKIIGIDLGTTNSCVAIMDGTTTPRVLENAEGDRTPSIIAYTQDGETLVGQPAKRQA VTNPQNTLFAIKRLIGRRFQDEEVQRDVSIMPFKIIAADNGDAWVEVKGQKMAPPQIS AEVLKMKKTAEDYLGEPVTEAVITVPAYFNDAQRQATKDAGRIAGLEVKRIINEPTA AALAYGLDKGTGNRTIAVYDLGGGTFDISIIEIDEVDGEKTFEVLATNGDTHLGGEDF DSRLINYLVEEFKQDQIDLRNDPLAMQRLKEAAEKAKIELSSAQQTVDNLPYITADA TGPKHMNIKVTRAKLESLVEDLVNRSIEPLKVALQDAGLSVSDIDDVILVGGQTRMPM VQKKVAEFFGKEPRKDVNPDEAVAIGA AVQGGVLTGDVKDVLVLLDVTPLSLGIETMG GVMTTLIAKNTTIPTKHSQVFSTAEDNQS AVTIHVLQGERKRAADNKSLGQFNLDGIN PAPRGMPQIEVTFDIDADGILHVS AKDKNSGKEQKITIKASSGLNEDEIQKMVRDAEA</p>

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NAEADRKFEELVQTRNQGDLHLLHSTRKQVEEAGDKLPADDKTAIESALTALETALKG
EDKAAIEAKMQELAQVSQKLMEIAQQQHAQQQTAGADASANNAKDDDVVDAEFEE
VKDKK

Purity


Greater than 90% as determined by SDS-PAGE.

Storage


Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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