

## Product datasheet for **AR09963PU-N**

### **hchA (1-283, His-tag) Escherichia coli Protein**

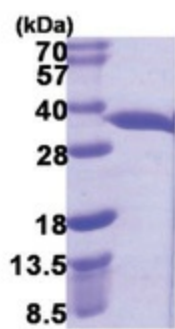
#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	hchA (1-283, His-tag) e. coli recombinant protein, 0.1 mg
<b>Species:</b>	Escherichia coli
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	<u>MGSSHHHHHH SSGLVPRGSH</u> MTVQTSKNPQ VDIAEDNAFF PSEYLSQYT SPVSDLDGVD YPKPYRGKHK ILVIAADERY LPTDNGKLFSG TGNHPIETLL PLYHLHAAGF EFEVATISGL MTKFEYWAMP HKDEKVMPPF EQHKSLFRNP KKLADVVASL NADSEYAAIF VPGGHGALIG LPESQDVAAA LQWAIKNDRF VISLCHGPAA FLALRHGDNP LNGYSICAFP DAADKQTPEI GYMPGHLTWY FGEELKKMGM NIINDDITGR VHKDRKLLTG DSPFAANALG KLAAQEMLAA YAG
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	33.3 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95%
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant E. coli hchA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Summary:</b>	HchA, also known as, Escherichia coli Hsp31, is a homodimeric member of the ThiI/DJ-1/Pfpl superfamily that combines molecular chaperone and aminopeptidase activities. It uses temperature-induced exposure of structured hydrophobic domains to capture and stabilize early unfolding protein intermediates under severe thermal stress.



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**Product images:**



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