

Product datasheet for **AR09963PU-L**

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

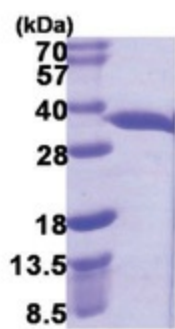
Product data:

Product Type:	Recombinant Proteins
Description:	hchA (1-283, His-tag) e. coli recombinant protein, 0.5 mg
Species:	Escherichia coli
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SGLVPRGSH</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
Tag:	His-tag
Predicted MW:	33.3 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	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
Preparation:	Liquid purified protein
Protein Description:	Recombinant E. coli hchA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	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.
Stability:	Shelf life: one year from despatch.
Summary:	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:



15% SDS-PAGE (3ug)
