

Product datasheet for SA6020

HSP60 (1-548) Escherichia coli Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HSP60 (1-548) e. coli protein, 0.1 mg
Species:	Escherichia coli
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MAAKDVKFGN DARVKMLRGV NVLADAVKVT LGPKGRNWVL DKSFGAPTIT KDGVSVAREI ELEDKFENMG AQMVKEVASK ANDAAGDGTT TATVLAQAI TEGLKAVAAG MNPMDLKRGI DKAVTAAVEE LKALSVPCSD SKAIAQVGTI SANSDETVGK LIAEAMDKVG KEGVITVEDG TGLQDELDW EGMQFDRGYL SPYFINKPET GAVELESPFI LLADKKISNI REMLPVLEAV AKAGKPLLI AEDVEGEALA TLVWNTMRGI VKVAVKAPG FGDRRKAMLQ DIATLTGGTV ISEEIGMELE KATLEDLGQA KRWINKDTT TIIDGVGEEA AIQGRVAQIR QQIEEATSDY DREKLQERVA KLAGGVAVIK VGAATEVEMK EKKARVEDAL HATRAAVEEG VVAGGGVALI RVASKLADLR GQNEQNVGI KVALRAMEAP LRQIVLNCGE EPSVANTVK GGDGNYGYNA ATEEYGNMID MGILDPTKVT RSALQYAASV AGLMITTECM VTDLPKNDAA DLGAAGGMGG MGGMGGMM
Predicted MW:	57.3 kDa
Concentration:	lot specific
Purity:	≥95 by SDS-PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 25 mM Tris-HCl (pH 7.5), 100 mM NaCl, 5 mM DTT, 10% Glycerol
Preparation:	Liquid purified protein
Protein Description:	GroEL gene was amplified by PCR from E.coli and cloned into an expression vector. This protein was overexpressed in E.coli and was purified by using conventional chromatography techniques.
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	GroEL protein is the major heat shock protein of E.coli and belongs to the chaperonin(HSP60) family. GroEL protein prevents misfolding of proteins and promotes the refolding and proper assembly of unfolded polypeptides generated under stress condition.



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Product images:

