

AR03010PU-N

Recombinant human HSP105 alpha (Heat Shock Protein 105 Isoform alpha) (aa 1-858), His-tagged

Alternate names:	Antigen NY-CO-25, HSP-105, HSP110, HSPH1, Heat shock 110 kDa protein, KIAA0201
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	Hsp105 is a mammalian member of the HSP105/110 family, a diverged subgroup of the HSP70 family. HSP105 exists as two isoforms, alpha and beta. Hsp105 alpha associates with Hsp70/Hsc70 as complexes in vivo and regulates the chaperone activity of Hsp70/Hsc70 negatively in vitro and in vivo.
Uniprot ID:	Q92598
NCBI:	NP_006635.2
GeneID:	10808
Species:	Human
Source:	<i>E. coli</i> , <i>E. coli</i>
Format:	State: Liquid purified protein Purity: >90% > 90% by SDS PAGE Buffer System: 20 mM Tris pH 8.0, 50 mM NaCl
Description:	Recombinant His tagged HSP105α was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. AA Sequence: MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSVV GLDVGSQSCY IAVARAGGIE TIANEFSDRC TPSVISFGSK NRTIGVAAKN QQITHANNTV SNFKRFHGRA FNDPFIQKEK ENLSYDLVPL KNGGVGIVKM YMGEELHFSV EQITAMLLTK LKETAENSLK KPVTDCVISV PSFFTDAERR SVLDAAQIVG LNCLRLMNDM TAVALNYGIY KQDLPSLDEK PRIVVFVDMG HSAFQVSACA FNKGKLVKLG TAFDPFLGGK NFDEKLVEHF CAEFKTKYKL DAKSKIRALL RLYQECEKLG KLMSSNSTDL PLNIECFMND KDVSGKMNRS QFEELCAELL QKIEVPLYSL LEQTHLKVED VSAVEIVGGA TRIPAVKERI AKFFGKDIST TLNADEAVAR GCALQCAILS PAFKVREFSV TDAVPFPISL IWNHDS EDTE GVHEVFSR NH AAPFSKVLTF LRRGPFELEA FYSDPQGV PY PEAKIGRFV QNVSAQKDGE KSRVKVKVRV NTHGIFTIST ASMVEKVPTE ENEMSSEADM ECLNQRPPEN PDTDKNVQD NSEAGTQPQV QTDAQTSQS PPSPELTSEE NKIPDADKAN EKKVDQPPEA KKPKIKVVNV ELPIEANLVW QLGKDLLNMY IETEGKMIMQ DKLEKER NDA KNAVEEYVYE FRDKLCGPYE KFICEQDHQN FLRLLTETED WLYEEGEDQA KQAYVDKLEE LMKIGTPVKV RFQEAERP K MFEELGQRLQ HYAKIAADFR NKDEKYNHID ESEMKKVEKS VNEVMEWMNN VMNAQAKKSL DQDPVVRAQE IKTKIKELNN TCEPVVTQPK PKIESPKLER TPNGPNIDKK EEDLEDKNNF GAEPHQNGE CYPNEKNSVN MDLD Molecular weight: 100 kDa 100 kDa (894 aa)
Add. Information:	NCBI Accession No.: NP_006635
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Yamagishi N., et al. (2006) Exp Cell Res. Oct 15; 312 (17):3215-23. Wang XY., et al. (2001) J Immunol. Jan 1; 166(1):490-7.

Pictures:

