

Product datasheet for **AR03010PU-N**

Heat shock protein 105 / HSP105 (Isoform alpha) (1-858, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Heat shock protein 105 / HSP105 (Isoform alpha) (1-858, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSV GLDVGSQSCY IAVARAGGIE TIANEFSDRC TPSVISFGSK NRTIGVAAKN QQITHANNTV SNFKRFHGRA FNDPFIQKEK ENLSYDLVPL KNGGVGKVM YMGEEHLFSV EQITAMLLTK LKETAENSLK KPVTDCVISV PSFFTDAERR SVLDAAQIVG LNCLRLMNDM TAVALNYGIY KQDLPSLDEK PRIVVFVDMG HSAFQVSACA FNKGKLVLG TAFDPFLGGK NFDEKLVEHF CAEFKTKYKL DAKSKIRALL RLYQECEKLG KLMSSNSTDL PLNIECFMND KDVSGKMNRS QFEELCAELL QKIEVPLYSL LEQTHLKVED VSAVEIVGGA TRIPAVKERI AKFFGKDIST TLNADEAVAR GCALQCAILS PAFKVFREFSV TDAVPFPISL IWNHDSDETE GVHEVFSRNH AAPFSKVLTF LRRGPFELEA FYSDPQGVVY PEAKIGRFV QNVSAQKDGE KSRVKVKVRV NTHGIFTIST ASMVEKVPT EENMSSEADM ECLNQRPPEN PDTDKNVQQD NSEAGTQPQV QTDAQQTSQS PPSELTSEE NKIPDADKAN EKKVDQPPEA KKPKIKVNV ELPIEANLW QLGDLLNMY IETEGKMIMQ DKLEKERNDA KNAVEEYVYE FRDKLCGPYE KFICEQDHQN FLRLLTETED WLYEEGEDQA KQAYVDKLEE LMKIGTPVKV RFQEAERPK MFEELGQRLQ HYAKIAADR NKDEKYNHID ESEMKKVEKS VNEVMWMMNN VMNAQAKKSL DQDPVVAQE IKTKIKELNN TCEPVVTQPK PKIESPKLER TPNGPNIDKK EEDLEDKNNF GAEPHQNGE CYPNEKNSVN MDLD
Tag:	His-tag
Predicted MW:	100 kDa
Concentration:	lot specific
Purity:	> 90% by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris pH 8.0, 50 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant His tagged HSP105α was expressed in E.coli and purified by using conventional chromatography techniques.



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Note:	NCBI Accession No.: NP_006635
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001273432
Locus ID:	10808
UniProt ID:	Q92598 , A0A024RDQ0
Cytogenetics:	13q12.3
Synonyms:	HSP105; HSP105A; HSP105B; NY-CO-25
Summary:	This gene encodes a member of the heat shock protein 70 family of proteins. The encoded protein functions as a nucleotide exchange factor for the molecular chaperone heat shock cognate 71 kDa protein (Hsc70). In addition, this protein plays a distinct but related role as a holdase that inhibits the aggregation of misfolded proteins, including the cystic fibrosis transmembrane conductance regulator (CFTR) protein. Elevated expression of this protein has been observed in numerous human cancers. [provided by RefSeq, Mar 2017]
Protein Families:	Stem cell - Pluripotency

Product images:

