

Recombinant Human HSPH1, His-tagged

Cat. No. HSPH1-26699TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human Hsp105 with His tag; 894 amino acids, 100 kDa.
Species	Human
Source	E.coli
Conjugation	HIS
Tissue specificity	Highly expressed in testis. Present at lower levels in most brain regions, except cerebellum. Overexpressed in cancer cells.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 50mM Sodium chloride, 20mM Tris, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSSV GLDVGSQSCY IAVARAGGIE TIANEFSDRC TPSVISFGSK NRTIGVAAKN QQITHANNTV SNFKRFHGRA FNDPFIQKEK ENLSYDLVPL KNGGVGKVM YMGEHHLFSV EQITAMLLTK LKETAENSLK KPVTD CVISV PSFFTDAERR SVLDAAQIVG LNCLRLMNDM TAVALNYGIY KQDLPSLDEK PRIVVFVDMG HSAFQVSACA FNKGKLVLG TAFDPFLGGK NFDEKLVEHF CAEFKTKYKL DAKSKIRALL

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RLYQECEKLK KLMSSNSTDL PLNIECFMND KDVSGKMNRS QFEELCAELL
 QKIEVPLYSL LEQTHLKVED VSAVEIVGGA TRIPAVKERI AKFFGKDIST
 TLNADEAVAR GCALQCAILS PAFKVREFSV TDAVPFPISL IWNHDSDETE
 GVHEVFSRNH AAPFSKVLTF LRRGPFELEA FYSDPQGVVPY PEAKIGRFVV
 QNVSAQKDGE KSRVKVKVRV NTHGIFTIST ASMVEKVPTE ENEMSSEADM
 ECLNQRPPEP PDTDKNVQQD NSEAGTQPQV QTDAQQTSQS PPSPELTSEE
 NKIPDADKAN EKKVDQPPEA KKPKIKVVNV ELPIEANLVW QLGKDLLNMY
 IETEGKMIMQ DKLEKERNDK KNAVEEYVYE FRDKLCGPYE KFICEQDHQN
 FLRLLTETED WLYEEGEDQA KQAYVDKLEE LMKIGTPVKV RFQEAERPK
 MFEELGQRLQ HYAKIAADFR NKDEKYNHID ESEMKKVEKS VNEVMEWMNN
 VMNAQAKKSL DQDPVVRAQE IKTKIKELNN TCEPVVTQPKPKIESPKLER
 TPNGPNIDKK EEDLEDKNNF GAEPHQNGE CYPNEKNSVN MDLD

**Sequence
Similarities**

Belongs to the heat shock protein 70 family.

Full Length

Full L.

GENE INFORMATION

Gene Name

[HSPH1 heat shock 105kDa/110kDa protein 1 \[Homo sapiens \]](#)

Official Symbol

[HSPH1](#)

Synonyms

HSPH1; heat shock 105kDa/110kDa protein 1; heat shock protein 105 kDa;
HSP105A; HSP105B; KIAA0201; NY CO 25;

Gene ID

[10808](#)

mRNA Refseq

[NM_006644](#)

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Protein Refseq	NP_006635
MIM	610703
Uniprot ID	Q92598
Chromosome Location	13q12.2-q13.3
Pathway	Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	ATP binding; alpha-tubulin binding; nucleotide binding;

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