

RPPB5233

Product Information Protein Information

Product SKU:

RPPB5233

Accession:

Q92598

Host:

Escherichia Coli.

Protein description:

Recombinant HSPH1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 894 amino acids and having a molecular mass of 100.9kDa. HSP105 Alpha is fused with a 36 a.a. His tag and purified by conventional chromatography techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

HSPH1, Heat Shock protein 105kDa, 110kDa protein 1, Heat shock 110 kDa protein, HSP110, HSP105A, Antigen NY-CO-25, HSP105, HSP105A, HSP105B, KIAA0201, NY-CO-25, DKFZp686M05240.

Formulation:

The HSP105 protein solution contains 20mM Tris-HCl, pH-8 and 50mM NaCl.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSV GLDVGSQSCY IAVARAGGIE
TIANEFSDRC TPSVISFGSK NRTIGVAAKN QQITHANNTV SNFKRFHGRA FNDPFIQKEK ENLSYDLVPL
KNGGVGKVM YMGEHLFSV EQITAMLLTK LKETAENSLK KPVTDCVISV PSFFTDAERR SVLDAAQIVG
LNCLRLMNDM TAVALNYGIY KQDLPSLDEK PRIVVFVDMG HSAFQVSACA FNKGKLVLG TAFDPFLGGK
NFDEKLVEHF CAEFKTKYKL DAKSKIRALL RLYQECEK KLMSSNSTDL PLNIECFMND KDVSGKMNRS
QFEELCAELL QKIEVPLYSL LEQTHLKVED VSAVEIVGGA TRIPAVKERI AKFFGKDIST TLNADEAVAR
GCALQCAILS PAFKVRFSV TDAVPFISL IWNHSEDETE GVHEVFSRNH AAPFSKVLTF LRRGPFLEA
FYSDPQGVY PEAKIGRFV QNVSAQKDGE KSRVKVKVRV NTHGIFTIST ASMVEKVPTE ENEMSSEADM
ECLNQRPPEN PDTDKNVQQD NSEAGTQPQV QTDAAQTSQS PPSPELTSEE NKIPDADKAN EKKVDQPEA
KKPKIKVVNV ELPIEANLVW QLGKDLLNMY IETEGMIMQ DKLEKERNDA KNAVEEYVYE FRDKLCGPYE
KFICEQDHQN FLRLLTETED WLYEEGEDQA KQAYVDKLEE LMKIGTPVKV RFQEAERPK MFEELGQRLQ
HYAKIAADFR NKDEKYNHID ESEMKKVEKS VNEVMEWMNN VMNAQAKKSL DQDPVVRAQE IKTKIKELNN
TCEPVVTQPK PKIESPKLER TPNGPNIDKK EEDLEDKNNF GAEPHQNGE CYPNEKNSVN MDLD.