ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

Heat Shock Protein 105 Human Recombinant

Item Number	rAP-3433
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.
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.
Uniprot Accesion Number	Q92598
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSVV GLDVGSQSCY IAVARAGGIE TIANEFSDRC TPSVISFGSK NRTIGVAAKN QQITHANNTV SNFKRFHGRA FNDPFIQKEK ENLSYDLVPL KNGGVGIKVM YMGEEHLFSV EQITAMLLTK LKETAENSLK KPVTDCVISV PSFFTDAERR SVLDAAQIVG LNCLRLMNDM TAVALNYGIY KQDLPSLDEK PRIVVFVDMG HSAFQVSACA FNKGKLKVLG TAFDPFLGGK NFDEKLVEHF CAEFKTKYKL DAKSKIRALL RLYQECEKLK KLMSSNSTDL PLNIECFMND KDVSGKMNRS QFEELCAELL QKIEVPLYSL LEQTHLKVED VSAVEIVGGA TRIPAVKERI AKFFGKDIST
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The HSP105 protein solution contains 20mM Tris-HCl, pH-8 and 50mM NaCl. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only