

Heat Shock Protein-90 Alpha Human Recombinant

Item Number	rAP-3430
Synonyms	HSPN, LAP2, HSP86, HSPC1, HSPCA, Hsp89, Hsp90, HSP90A, HSP90N, HSPCAL1, HSPCAL4, FLJ31884, Heat shock protein HSP 90-alpha, Renal carcinoma antigen NY-REN-38, HSP 86, HSP90AA1.
Description	Recombinant Human HSP-90 produced in E.Coli is a single, non-glycosylated polypeptide chain (aa 1-732) containing 752 amino acids and having a molecular mass of 86.8kDa. HSP90 is expressed with a 20 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P07900
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPEETQTQDQ PEEEEEVETF AFQAEIAQLM SLIINTFYSN KEIFLRELIS NSSDALDKIR YESLTDPSKL DSGKELHINL IPNKQDRTLTV IVDTGIGMTK ADLNNLGTI AKSGTKAFME ALQAGADISM IGQFGVGFYS AYLVAEKVTV ITKHNDDEQY AWESSAGGSF TVRTDTGPEM GRGTVLHL KEDQTEYLEE RRIKEIVKKH SQFIGYPITL FVEKERDKEV SDDEAEEKED KEEKEKEEK ESEDKPEIED VGSDEEEEEK DGDKKKKKKI KEKYIDQEEL NKTKPIWTRN PDDITNEEYQ EFYKSLTNDW EDHLAVKHFS VEGQLEFRAL LFVPRRAPFD LFENRKKKNN IKLYVRRVFI MDNCEELIPE
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 HSP90 protein solution contains 20mM Tris-HCl, pH-7.4 and 100mM 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**