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32-5338: Recombinant Human heat Shock 70kDa protein 6

Alternative Name : HSP70B,Heat shock 70 kDa protein 6,Heat shock 70 kDa protein B',HSPA6.

Description

Source : Escherichia Coli. Recombinant Human HSPA6 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 663 amino acids (1-643 a.a) and having a molecular mass of 73.2kDa.HSPA6 human recombinant is fused to a 20 amino acid His Tag at N-terminus and purified by conventional chromatography techniques. HSPA6 is a distinctive member of the human Hsp70 chaperone that takes part in cellular processes such as protein trafficking, folding, and prevention of aggregation. HSPA6 is strictly stress-inducible, having little or no basal expression levels in most cells. HSPA6 and HSP72 are are involved in cell survival of proteotoxic stress.

Product Info

Amount :	25 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The HSPA6 protein solution contains 20mM Tris-HCl, pH-8, 100mM NaCl & 10% Glycerol.
Storage condition :	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 :	MGSSHHHHHH SSGLVPRGSH MQAPRELAVG IDLGTTYSCV GVFQQGRVEI LANDQGNRTT PSYVAFTDTE RLVGDAAKSQ AALNPHNTVF DAKRLIGRKF ADTTVQSDMK HWPFRVVSEG GKPKVRVCYR GEDKTFYPEE ISSMVLSKMK ETAEAYLGQP VKHAVITVPA YFNDSQRQAT KDAGAIAGLN VLRIINEPTA AAIAYGLDRR GAGERNVLIF DLGGGTFDVS VLSIDAGVFE VKATAGDTHL GGEDFDNRLV NHFMEEFRRK HGKDLSGNKR ALRRLRTACE RAKRTLSSST QATLEIDSLF EGVDFYTSIT RARFEELCSD LFRSTLEPVE KALRDAKLDK AQIHDVVLVG GSTRIPKVQK LLQDFFNGKE LNKSINPDEA VAYGAAVQAA VLMGDKCEKV QDLLLLDVAP LSLGLETAGG VMTTLIQRNA TIPTKQTQTFTTYSDNQPGV FIQVYEGERA MTKDNNLLGR FELSGIPPAP RGVPQIEVTF DIDANGILSV TATDRSTGKA NKITITNDKG RLSKEEVERM VHEAEQYKAE DEAQRDRVAA KNSLEAHVFH VKGSLQEESL RDKIPEEDRR KMQDKCREVL AWLEHNQLAE KEEYEHQKRE LEQICRPIFS RLYGGPGVPG GSSCGTQARQ GDPSTGPIIE EVD.

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