

HSP 70kD produced in E.coli is a single, non-glycosylated polypeptide chain containing 661 amino acids fused to His-tag at N-terminus and having total Mw of 72.2 kDa.

Category	Proteins
Product name	Human Dnak (HSP70) His tag protein
Catalog Number	orb81492
Purity	Greater than 95.0% as determined by RP-HPLC and analysis by SDS-PAGE
Form	The Heat Shock Protein 70kD contains 20 mM Tris pH7.5 and 2mM DTT at concentration of 1mg/ml.
Biological origin	E.coli
Tested applications	SDS-PAGE
Storage	Heat Shock Protein 70kD although stable at 4°C for week, should be stored desiccated below -18°C. For long term storage it is recommended to add carrier protein (0.1% HSA or BSA). Please prevent freeze/thaw cycles.
Note	For research use only.
Sequence	MGSSHHHHHH SGLVPRGSH MAKAAAIGID LGTTYSCVGV FQHGKVEIIA NDQGNRTTPSYVAFTDTERL IGDAAKNQVA LNPQNTVFDA KRLIGRKFGD PVVQSDMKHW PFQVINDGDKPKVQVSYKGD TKAFYPPEEIS SMVLTKMKEI AEAYLGYPVT NAVITVPAYF NDSQRQATKDAGVIAGLNVL RIINEPTAAA IAYGLDRTGK GERNVLIFDL GGGTFDVSIL TIDDGIFEVKATAGDTHLGG EDFDNRLVNH FVEEFKRKHK KDISQNKRAV RRLRTACERA KRTLSSSTQA SLEIDSLFEG IDFYTSITRA RFEELCSDLF RSTLEPVEKA LRDAKLDKAQ IHDLVLVGGS TRIPKVQKLL QDFFNGRD LN KSINPDEAVA YGAAVQAAIL MGDKSENVQD LLLLDVAPLSLGLTAGGVM TALIKRNSTI PTKQTQIFTT YSDNQPGVLI QVYEGERAMT KDNLLGRFELSGIPPAPRG VPQIEVTFDI DANGILNVTA TDKSTGKANK ITITNDKGRL SKEEIERMVQEAKEYKAEDE VQRERVSANK ALESYAFNMK SAVEDEGLKG KISEADKKKV LDKCQEVISW LDANTLAEKD EFEHKRKELE QVCNPIISGL YQGAGGPGPG GFGAQQPKGG SGSPTIEEVD.