

Human HSF1 Recombinant Protein



RPPB5229

Product Information Protein Information

Product SKU:

RPPB5229

Accession:

Q00613

Host:

Escherichia Coli.

Protein description:

Recombinant Human HSF1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing a total of 549 amino acids (1-529) and having a molecular mass of 59.4kDa. The HSF1 protein is fused to a 20 aa His-Tag at N-terminus.

Appearance:

Sterile filtered colorless solution.

Synonyms:

HSF-1, HSF1, HSTF-1, HSTF1, Heat shock factor protein 1, Heat shock transcription factor 1.

Formulation:

The HSF1 protein (1mg/ml) contains 20mM Tris pH-8, 50mM NaCl and 1mM DTT.

Purity:

Greater than 75.0% 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:

MGSSHHHHHH SGLVPRGSH MDLPVGPAA GPSNVPAFLT KLWTLVSDPD TDALICWSPS GNSFHVFDQG
QFAKEVLPKY FKHNNMASFV RQLNMYGFRK VVHIEQGGLV KPERDDTEFQ HPCFLRGQEQ LLENIKRKVT
SVSTLKSEDI KIRQDSVTKL LTDVQLMKGK QECMDSKLLA MKHENEALWR EVASLRQKHA QQQKVVNKL
QFLISLVQSN RILGVKRKIP LMLNDSGSAH SMPKYSRQFS LEVHVGSGPY SAPSPAYSSS SLYAPDAVAS
SGPIISDITE LAPASPMASP GGSIDERPLS SSPLVRVKEE PPSPPQSPRV EEASPGRPSS VDTLLSPTAL IDSILRESE
APASVTALTD ARGHTDTEGR PPSPPPTSTP EKCLSVACLD KNELSDHLDA MDSNLDNLQT MLSSHGFSVD
TSALLDLFSP SVTVPDMSLP DLDSSLASIQ ELLSPQPPR PPEAENSSPD SGKQLVHYTA QPLFLDPPGS
VDTGSNDLPV LFELGEGSYF SEGDFGAEDP TISLLTGSEP PKAKDPTVS.