

## 32-5322: Recombinant Human Heat Shock Transcription Factor, Y-Linked 1

**Alternative Name** Heat shock transcription factor,Y-linked,Heat shock transcription factor 2-like protein,HSF2-like,HSFY1,HSF2L,HSFY,HSFY2,Y-linked isoform 1,Y-Linked 1.

### Description

Source : Escherichia Coli. HSFY1 Human Recombinant produced in E. coli is a single polypeptide chain containing 424 amino acids (1-401) and having a molecular mass of 47.5kDa.HSFY1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Heat Shock Transcription Factor, Y-Linked 1 (HSFY1) is a member of the heat shock factor (HSF) family of transcriptional activators for heat shock proteins. HSFY1 is localizes to an area of chromosome Y which is from time to time deleted in infertile males and therefore is considered a gene for azoospermia. The genome has 2 identical duplicates of HSFY1 within a palindromic area.

### Product Info

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Amount :</b>            | 20 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purification :</b>      | Greater than 80.0% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Content :</b>           | The HSFY1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage condition :</b> | 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.                                                                                                                                                                                                                                                              |
| <b>Amino Acid :</b>        | MGSSHHHHHH SSSLVPRGSH MGSMHVSSE TQDVSPKDEL TASEASTRSP LCEHTFPGDS<br>DLRSMIEEHA FQVLSQGSLL ESPSYTVCVS EPDKDDDFLS LNFPRKLWKI VESDQFKSIS WDENGTCIVI<br>NEELFKKEIL ETKAPYRIFQ TDAIKSFVRQ LNLYGFSKIQ QNFQRSAFLA TFLSEEKES VLSKLFYYN<br>PNFKRGYPQL LVRVKRRIGV KNASPISTLF NEDFNKKHFR AGANMENHNS ALAAEASEES LFSASKNLNM<br>PLTRESSVRQ IIANSSVPIR SGFPPSPST SVGPSEQIAT DQHAILNQLT TIHMHSHTY MQARGHIVNF<br>ITTTTSQYHI ISPLQNGYFG LTVEPSAVPT RYPLVSVNEA PYRNMLPAGN PWLQMPTIAD RSAAPHSRLA<br>LQPSPLDKYH PNYN. |

