9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

Amount :	20 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	The HSFY1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.
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 MGSMAHVSSE TQDVSPKDEL TASEASTRSP LCEHTFPGDS DLRSMIEEHA FQVLSQGSLL ESPSYTVCVS EPDKDDDFLS LNFPRKLWKI VESDQFKSIS WDENGTCIVI NEELFKKEIL ETKAPYRIFQ TDAIKSFVRQ LNLYGFSKIQ QNFQRSAFLA TFLSEEKESS VLSKLKFYYN PNFKRGYPQL LVRVKRRIGV KNASPISTLF NEDFNKKHFR AGANMENHNS ALAAEASEES LFSASKNLNM PLTRESSVRQ IIANSSVPIR SGFPPPSPST SVGPSEQIAT DQHAILNQLT TIHMHSHSTY MQARGHIVNF ITTTTSQYHI ISPLQNGYFG LTVEPSAVPT RYPLVSVNEA PYRNMLPAGN PWLQMPTIAD RSAAPHSRLA LQPSPLDKYH PNYN.

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