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DATA SHEET

Heat Shock Transcription Factor, Y-Linked 1 Human Recombinant

Item Number	rAP-3422
Synonyms	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	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.
Uniprot Accesion Number	Q96LI6
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAHVSSE TQDVSPKDEL TASEASTRSP LCEHTFPGDS DLR-SMIEEHA FQVLSQGSLL ESPSYTVCVS EPDKDDDFLS LNFPRKLWKI VESDQFKSIS WDENGTCIVI NEELFKKEIL ETKAPYRIFQ TDAIKSFVRQ LNLYGFSKIQ QNFQRSAFLA TFLSEEKESS VLSKLKFYYN PNFKRGYPQL LVRVKRRIGV KNASPISTLF NEDFNKKHFR AGANMENHNS ALAAEASEES LFSAS-KNLNM PLTRESSVRQ IIANSSVPIR SGFPPPSPST SVGPSEQIAT DQHAILNQLT TIHMHSHSTY MQARGHIVNF ITTTTSQYHI ISPLQNGYFG LTVEPSAVPT RYPLVSVNEA PYRNMLPAGN PWLQMPTI-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The HSFY1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only