9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

HSFY1 Human

Heat Shock Transcription Factor, Y-Linked 1 Human Recombinant
RCP1066

Product Overview

Name	HSFY1 Human

Description

Heat Shock Transcription Factor, Y-Linked 1 Human Recombinant

Accession (Primary)	Q96LI6

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.

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The HSFY1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

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.

Purity

Greater than 80.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MAHVSSE 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

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

IIANSSVPIR SGFPPPSPST SVGPSEQIAT DQHAILNQLT TIHMHSHSTY MQARGHIVNF ITTTTSQYHI

ISPLQNGYFG LTVEPSAVPT RYPLVSVNEA PYRNMLPAGN PWLQMPTIAD RSAAPHSRLA LQPSPLDKYH PNYN.

Precautions

HSFY1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96LI6)