

# Recombinant Human HSFY1 cell lysate

**Cat. No.** HSFY1-822HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>    | This gene encodes a member of the heat shock factor (HSF) family of transcriptional activators for heat shock proteins. This gene is a candidate gene for azoospermia, since it localizes to a region of chromosome Y that is sometimes deleted in infertile males. The genome has two identical copies of this gene within a palindromic region; this record represents the more centromeric copy. Alternative splicing results in multiple transcript variants encoding distinct isoforms. |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## GENE INFORMATION

|                        |                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | HSFY1 heat shock transcription factor, Y-linked 1 [ Homo sapiens ]                                                                                                        |
| <b>Official Symbol</b> | HSFY1                                                                                                                                                                     |
| <b>Synonyms</b>        | HSFY1; heat shock transcription factor, Y-linked 1; heat shock transcription factor, Y linked , HSFY; heat shock transcription factor, Y-linked; heat shock transcription |

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factor; Y linked 1; HSF2L; heat shock transcription factor 2-like protein; HSFY;  
HSFY2;

**Gene ID** 86614

**mRNA Refseq** NM\_033108

**Protein Refseq** NP\_149099

**MIM** 400029

**UniProt ID** Q96LI6

**Chromosome  
Location** Yq11.221

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