

Recombinant Human HSFY1, GST-tagged

Cat. No. HSFY1-13974H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HSFY1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-214a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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