

Recombinant Full Length Human HSFY1 Protein, GST-tagged

Cat. No. HSFY1-3622HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSFY1 full-length ORF (NP_149099.2, 1 a.a. - 401 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	401 amino acids
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. [provided by RefSeq
Molecular Mass	71.5 kDa
AA Sequence	MAHVSSETQDVSPKDELTA SEASTRSP LCEHTFP GDSDLRSMIEEHAFQVLSQGSL LES PSYTV CVSEPD KDDDFLS LNFPRKLWKIVESDQFKSISWDENGTCIVINEELFKK EILETKAPYRIFQTDAIKSFVRQLNLYGFSKIQQNFQRSAFLATFLSEEKESVLSKLK FYYNPNFKRGYPQLLVRVKRRIGVKNASPISTLFNEDFNKKHFRAGANMENHNSALA AEASEESLFSASKNLNMLPTRESSVRQIIANSSVPIRSGFPSPSTSVGPSEQIATD QHAILNQLTTIHMHSYSTYMQARGHIVNFITTTTSQYHIISPLQNGYFGLTVEPSAVPT RYPLVSVNEAPYRNMLPAGNPWLQMPTIADRSAAPHSRLALQPSPLDKYHPNYN

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HSFY1 heat shock transcription factor, Y-linked 1 [Homo sapiens]
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

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