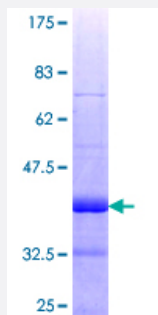


# HSFY1 (Human) Recombinant Protein (Q01)

Catalog # H00086614-Q01

Size 25 ug, 10 ug

## Applications



## Specification

<b>Product Description</b>	Human HSFY1 partial ORF ( NP_001001871.1, 1 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Sequence</b>	MAHVSSETQDVSPKDELTA SEASTR SPLCEHTFPGDSDLRSMIEEHAFQVLSQGSLLSPSYTV CVSEPDKDDDFLSLNFPRKLWKIVESDQFKSISWD
<b>Host</b>	Wheat Germ (in vitro)
<b>Theoretical MW (kDa)</b>	36.63
<b>Interspecies Antigen Sequence</b>	Mouse (55); Rat (53)
<b>Preparation Method</b>	<a href="#">in vitro wheat germ expression system</a>
<b>Purification</b>	Glutathione Sepharose 4 Fast Flow
<b>Quality Control Testing</b>	12.5% SDS-PAGE Stained with Coomassie Blue.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>Storage Instruction</b>	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — HSFY1

Entrez GeneID [86614](#)

GeneBank Accession# [NM\\_001001871](#)

Protein Accession# [NP\\_001001871.1](#)

Gene Name HSFY1

Gene Alias HSF2L, HSFY

Gene Description heat shock transcription factor, Y-linked 1

Omim ID [400029](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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]

**Other Designations** OTTHUMP00000038978|heat shock transcription factor 2-like