

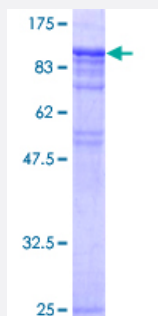
Full-Length

HSF1 (Human) Recombinant Protein (P01)

Catalog # H00003297-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HSF1 full-length ORF (AAH14638, 1 a.a. - 529 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDLPVGPGAAGPSNVPAFLTKLWTLVSDPDTDALICWSPSGNSFHVFDQGQFAKEVLPKYFKH
NNMASFVRQLNMYGFRKVVHIEQGGLVKPERDDTEFQHPCFLRGQEQLLENIKRKVTSVSTLKSE
DIKIRQDSVTKLLTDVQLMKGKQECMDSKLLAMKHENEALWREVASLRQKHAQQQKVVNKLIQFL
ISLVQSNRILGVKRKIPLMLNDSGSAHSMKYSRQFSLEHVHGSGPYSPAYSSSSLYAPDAV
ASSGPIISDITELAPASPMASPGGSIDERPLSSSPLVRVKEEPPSPQSPRVEEASGRPSSVDTL
LSPTALIDSILRESEAPASVTALTDARGHTDTEGRPPSPPTSTPEKCLSVACLDKNELSDHLDA
MDSNLDNLQTMLSSHGFSVDTSALLDLFSPSVTPDMSLPDLSSLASIQELLSPQEPPRPPEA
ENSSPDSGKQLVHYTAQPLFLDPGSVDGTGSNDLPVLFELGEGSYFSEGDGFAEDPTISLLTGSE
PPKAKDPTVS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

83.82

Interspecies Antigen Sequence

Mouse (86); Rat (89)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	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 — HSF1

Entrez GeneID	3297
GeneBank Accession#	BC014638.1
Protein Accession#	AAH14638
Gene Name	HSF1
Gene Alias	HSTF1
Gene Description	heat shock transcription factor 1
Omim ID	140580
Gene Ontology	Hyperlink
Gene Summary	The product of this gene is a heat-shock transcription factor. Transcription of heat-shock genes is rapidly induced after temperature stress. Hsp90, by itself and/or associated with multichaperone complexes, is a major repressor of this gene. [provided by RefSeq]
Other Designations	-