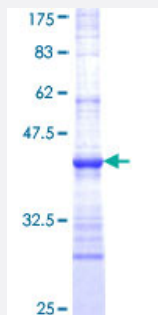


HSF4 (Human) Recombinant Protein (Q01)

Catalog # H00003299-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HSF4 partial ORF (NP_001529, 121 a.a. - 220 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KVPALRGDDGRWRPEDLGRLLEGEVQALRGVQESTEARLRELQQNEILWREVVTLRQSHGQQH RVIGKLIQCLFGPLQAGPSNAGGKRKLSLMLDEGSSC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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 — HSF4

Entrez GeneID [3299](#)

GeneBank Accession# [NM_001538](#)

Protein Accession# [NP_001529](#)

Gene Name HSF4

Gene Alias CTM

Gene Description heat shock transcription factor 4

Omim ID [116800 602438](#)

Gene Ontology [Hyperlink](#)

Gene Summary Heat-shock transcription factors (HSFs) activate heat-shock response genes under conditions of heat or other stresses. HSF4 lacks the carboxyl-terminal hydrophobic repeat which is shared among all vertebrate HSFs and has been suggested to be involved in the negative regulation of DNA binding activity. Two alternatively spliced transcripts encoding distinct isoforms and possessing different transcriptional activity have been described. [provided by RefSeq]

Other Designations -

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)