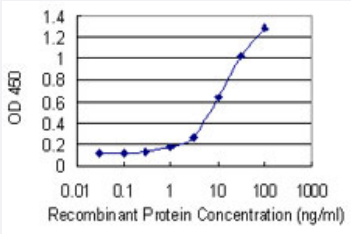
# HSF4 monoclonal antibody (M01), clone 1A4

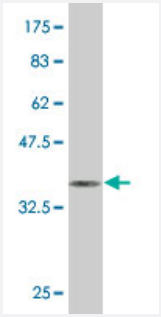
Catalog # H00003299-M01 Size 100 ug

## Applications




### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged HSF4 is 0.3 ng/ml as a capture antibody.




Western Blot detection against Immunogen (36.74 KDa) .

## Specification

| | |
|---|---|
| **Product Description** | Mouse monoclonal antibody raised against a partial recombinant HSF4. |
| **Immunogen** | HSF4 (NP_001529, 121 a.a. ~ 220 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| **Sequence** | KVPALRGDDGRWRPEDLGRLLGEVQALRGVQESTEARLRELRQQNEILWREVVTLRQSHGQQHRVIGKLIQCLFGPLQAGPSNAGGKRKLSLMLDEGSSC |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Isotype** | IgG2a Kappa |

| | |
|---|---|
| **Quality Control Testing** | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.74 KDa) . |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

  Detection limit for recombinant GST tagged HSF4 is 0.3 ng/ml as a capture antibody.

  Protocol Download

- ELISA

## 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 amo ng 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 di fferent transcriptional activity have been described. [provided by RefSeq |
| **Other Designations** | - |

## Disease

- Cardiovascular Diseases
- Diabetes Mellitus
- Edema