

# Recombinant Human HSF2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** HSF2-5451H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | HSF2 MS Standard C13 and N15-labeled recombinant protein (NP_004497) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | The protein encoded by this gene belongs to the HSF family of transcription factors that bind specifically to the heat-shock promoter element and activate transcription. Heat shock transcription factors activate heat-shock response genes under conditions of heat or other stresses. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.                                                                                                                                          |
| <b>Molecular Mass</b>   | 60.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | <p>MKQSSNVPAFLSKLWTLVEETHTNEFITWSQNGQSFLVLDEQRFKEILPKYFKHNN</p> <p>MASFVRQLNMYGFRKVVHIDSGIVKQERDGPVEFQHPYFKQGQDDLLENIKRKVSS</p> <p>SKPEENKIRQEDLTKIISAAQKVQIKQETIESRLSELKSENESSLWKEVSELRAKHAQQ</p> <p>QQVIRKIVQFIVTLVQNNQLVSLKRKRPLLLNTNGAQKKNLFQHIVKEPTDNHHHKVP</p> <p>HSRTEGLKPRERISDDIIYDVTDDNADEENIPVIPETNEDVISDPSNCSQYPDIVIVED</p> <p>DNEDEYAPVIQSGEQNEPARESLSSGSDGSSPLMSSAVQLNGSSSLTSEDPTMM</p> <p>DSILNDNINLLGKVELLDYLDSDCSLEDFQAMLSGRQFSIDPDLLVDLFTSSVQMNPT</p> <p>DYINNTKSENKGLETTKNNVVQPVSEEGRKS SKPKDKQLIQYTAFLAFLDGNPAS</p> |

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SVEQASTTASSEVLSSVDKPIEVDELDDSSLDPEPTQSKLVRLEPLTEAEASEATLFY  
LCELAPAPLDSDMPLLDSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** HSF2 heat shock transcription factor 2 [ Homo sapiens (human) ]

**Official Symbol** HSF2

**Synonyms** HSF2; heat shock transcription factor 2; heat shock factor protein 2; HSF 2; HSTF 2; MGC75048; MGC117376; MGC156196;

**Gene ID** 3298

**mRNA Refseq** NM\_004506

**Protein Refseq** NP\_004497

**MIM** 140581

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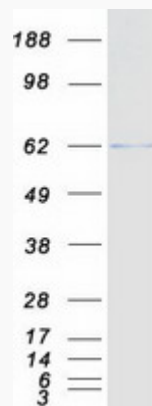
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UniProt ID

Q03933

SDS-PAGE

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