Recombinant Human HSF2 Protein, GST-tagged

Cat. No. HSF2-5087H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSF2 full-length ORF (AAH05329, 1 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	HSF2, as well as the related gene HSF1, encodes a protein that binds specifically to the heat-shock element and has homology to HSFs of other species. Heat shock transcription factors activate heat-shock response genes under conditions of heat or other stresses. Although the names HSF1 and HSF2 were chosen for historical reasons, these peptides should be referred to as heat-shock transcription factors. [provided by RefSeq
Molecular Mass	51.04 kDa
AA Sequence	MKQSSNVPAFLSKLWTLVEETHTNEFITWSQNGQSFLVLDEQRFAKEILPKYFKHNN MASFVRQLNMYGFRKVVHIDSGIVKQERDGPVEFQHPYFKQGQDDLLENIKRKVSS SKPEENKIRQEDLTKIISSAQKVQIKQETIESRLSELKSENESLWKEVSELRAKHAQQ QQVIRKIVQFIVTLVQNNQLVSLKRKRPLLLNTNGAQKKNLFQHIVKEPTDNHHHKVIF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HSF2 heat shock transcription factor 2 [Homo sapiens]
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_001135564
Protein Refseq	NP_001129036
MIM	140581
UniProt ID	Q03933

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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