

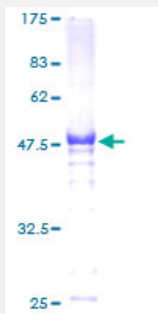
Full-Length

HSF2 (Human) Recombinant Protein (P01)

Catalog # H00003298-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HSF2 full-length ORF (AAH05329, 1 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKQSSNVP AFLSKLWTLVEETHTNEFITWSQNGQSFLVLDEQRFAKEILPKYFKHNNMASFVRQL NMYGFRKVVHIDSGMVKQERDGPVEFQHPYFKQGQDDLENIKRKVSSSKPEENKIRQEDLTKIIS AQKVQIKQETIESRLSELKSENE SLWKEVSELRAKHAQQQVIRKIVQFVTLVQNNQLVSLKRKRP LLLNTNGAQKKNL FQHIVKEPTDNHHHKVIF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	51.04
Interspecies Antigen Sequence	Mouse (98); Rat (99)
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 — HSF2

Entrez GeneID [3298](#)

GeneBank Accession# [BC005329](#)

Protein Accession# [AAH05329](#)

Gene Name HSF2

Gene Alias MGC117376, MGC156196, MGC75048

Gene Description heat shock transcription factor 2

Omim ID [140581](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000017845|heat shock factor 2

Publication Reference

- [Alcohol Regulates Gene Expression in Neurons via Activation of Heat Shock Factor 1.](#)

Pignataro L, Miller AN, Ma L, Midha S, Protiva P, Herrera DG, Harrison NL.

Journal of Neuroscience 2007 Nov; 27(47):12957.

Application: Func, Mouse, Mouse cortical neurons

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tobacco Use Disorder](#)
- [Tooth Abnormalities](#)