



# SZABO SCANDIC

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### HSF2 (Human) Recombinant Protein (P01)

**Catalog Number:** H00003298-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human HSF2 full-length ORF (AAH05329, 1 a.a. - 230 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MKQSSNVPAFLSKLWTLVEETHNEFITWSQNGQSFL  
VLDEQRFAKEILPKYFKHNNMASFVRQLNMYGFRKVV  
HIDSGIVKQERDGPVEFQHPYFKQGQDDLLENIRKVS  
SSKPEENKIRQEDLTKIISSAQKVQIKQETIESRSELKS  
ENESLWKEVSELRAKHAQQQVIRKIVQFIVTLVQNNQ  
LVSLKRKRPLLLNTNGAQKKNLFQHIVKEPTDNHHHKV  
IF

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 51.04

**Interspecies Antigen Sequence:** Mouse (98); Rat (99)

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**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.

**Entrez GeneID:** 3298

**Gene Symbol:** HSF2

**Gene Alias:** MGC117376, MGC156196, MGC75048

**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]

**References:**

1. 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. J Neurosci. 2007 Nov 21;27(47):12957-66.