

Product datasheet for PH310751

HSF2 (NM_004506) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HSF2 MS Standard C13 and N15-labeled recombinant protein (NP_004497)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210751
Predicted MW:	60.3 kDa
Protein Sequence:	>RC210751 protein sequence Red=Cloning site Green=Tags(s)

MKQSSNVP AFLSKLWTLVEETHNEFITWSQNGQSFLVLDEQRF AKEILPKYFKHNNMASFVRQLNMYGF
RKVVHIDSGIVKQERDGPVEFQHPYFKQGQDDLLENIKRKVSSSKPEENKIRQEDLTKIISSAQKVQIKQ
ETIESRSELKSENE SLWKEVSELRAKHAQQQVIRKIVQFIVTLVQNNQLVSLKRKRPLLLNTNGAQKK
NLFQHIVKEPTDNHHHKVPHSRTEGLKPRERISDDIIYDVTDDNADEENIPVIPETNEDVISDPSNCSQ
YPDIVIVEDDNEDEYAPVIQSGEQNEPARESLSSGSDGSSPLMSSAVQLNGSSSLTSEDPVTMMDSILND
NINLLGKVELLDYLD SIDCSLEDFQAMLSGRQFSIDPDLLVDLFTSSVQMNPTDYINNTKSENKGLLETTK
NNVVQPVSEEGRKS KSKPKDKQLIQYTAFPLLAFLDGNP ASSVEQASTTASSEVLSSVDKPIEVDLELLDSS
LDPEPTQSKLVRLEPLTEAEASEATLFYLC ELAPAPLDS DMPLLD S

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_004497</u>
RefSeq Size:	2697
RefSeq ORF:	1608



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Synonyms: HSF 2; HSTF 2

Locus ID: 3298

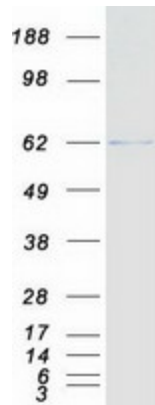
UniProt ID: [Q03933](#)

Cytogenetics: 6q22.31

Summary: 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. [provided by RefSeq, Jul 2011]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified HSF2 protein (Cat# [TP310751]). The protein was produced from HEK293T cells transfected with HSF2 cDNA clone (Cat# [RC210751]) using MegaTran 2.0 (Cat# [TT210002]).