

Product datasheet for **AR03000PU-N**

Heat shock factor 1 / HSF1 Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Heat shock factor 1 / HSF1 human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MDLPVGPAA GPSNVPAFLT KLWTLVSDPD TDALICWSPS GNSFHVFDQG QFAKEVLPKY FKHNNMASFV RQLNMYGFRK VVHIEQGGLV KPERDDTEFQ HPCFLRGQEQ LLENIKRKVT SVSTLKSEDI KIRQDSVTKL LTDVQLMKGK QECMDSKLLA MKHENEALWR EVASLRQKHA QQQKVNKLI QFLISLVQSN RILGVKRKIP LMLNDSGSAH SMPKYSRQFS LEHVHGSGPY SAPSPAYSSS SLYAPDAVAS SGPIISDITE LAPASPMASP GGSIDERPLS SSPLVRVKEE PPSPPQSPRV EEASPGRPSS VDTLLSPTAL IDSILRESEP APASVTALTD ARGHTDTEGR PPSPPTSTP EKCLSVACLK KNELSDHLDA MDSNLDNLQT MLSSHGFSVD TSALLDLFSP SVTVPDMSLP DLDSLASIQ ELLSPQEPPR PPEAENSSPD SGKQLVHYTA QPLFLDPGS VDTGSNDLPV LFELGEGSYF SEGDGFAEDP TISLLTGSEP PKAKDPTVS
Predicted MW:	59 kDa
Concentration:	lot specific
Purity:	> 80 % by SDS PAGE
Buffer:	Presentation State: Purified State: Liquid, purified by using conventional chromatography techniques Buffer System: Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol, 0.1 mM PMSF
Preparation:	Liquid, purified by using conventional chromatography techniques
Note:	NCBI Accession No.: NP_005517
Storage:	Store at -20 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: six months from despatch.
RefSeq:	<u>NP_005517</u>
Locus ID:	3297
UniProt ID:	<u>Q00613</u>
Cytogenetics:	8q24.3
Synonyms:	HSTF1



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Summary: The product of this gene is a transcription factor that is rapidly induced after temperature stress and binds heat shock promoter elements (HSE). This protein plays a role in the regulation of lifespan. Expression of this gene is repressed by phosphorylation, which promotes binding by heat shock protein 90. [provided by RefSeq, Jul 2017]

Protein Families: Transcription Factors

Product images:

