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Datasheet for ABIN1620411 HSF4 Protein (AA 1-492) (His tag)

Overview

Quantity:	1 mg
Target:	HSF4
Protein Characteristics:	AA 1-492
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSF4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MQEAPAAALPT EPGPSPVPAF LGKLWALVGD PGTDHLIRWS PSGTSFLVSD QSRFAKEVLP QYFKHSNMAS FVRQLNMYGF RKVVSIEQGG LLRPERDHVE FQHPSFVRGR EQLLERVRRK VPALRSDDGR WRPEDLGRLL GEVQALRGVQ EITEARLREL RQQNEILWRE VVTLRQSHGQ QHRVIGKLIQ CLFGPLQTGS SGAGAKRKLS LMLDEGSSCP TPAKFNTCPL PGALLQDPYF IQSPLPETTL GLSSSHRTRG PIISDIHEDS PSPDGTRLSP SSGGRREKGL ALLKEEPASP GGEGEAGLAL APNECDFCVT APPPLSVAVV QAILEGKGNF SPEGPRNAQQ PEPRGPREV DRGTLGLDRG ARSPENLLPP MLLRAPPEV EPAGPLDVLG PSHQGREWTL MDLDMELSLM QPLGPERSET ELAVKGLNSP GPGKDSTLGA PLLLDVQAAL GGPALSLPGA LTIYSTPESR ANYLGPGANP SP</p>
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: HSF4

Alternative Name: Heat shock factor protein 4 (HSF4) ([HSF4 Products](#))

Background: Recommended name: Heat shock factor protein 4.
Short name= HSF 4.
Alternative name(s): Heat shock transcription factor 4.
Short name= HSTF 4

UniProt: [Q1HGE8](#)

Pathways: [MAPK Signaling](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.