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Datasheet for ABIN1474818

HSPA1L Protein (AA 1-641) (His tag)

Overview

Quantity:	1 mg
Target:	HSPA1L
Protein Characteristics:	AA 1-641
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSPA1L protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAANKGMAIG IDLGTTYSCV GVFQHGKVEI IANDQGNRTT PSYVAFTDTE RLIGDAAKNQ VAMNPQNTVF DAKRLIGRKF NDPVVQSDMK LWPFQVINEA GKPKVLVSYK GEKKAFYPEE ISSMVLTKMK ETAEAFLGHS VTNAVITVPA YFNSQSRQAT KDAGVIAGLN VLRIINEPTA AAIAYGLDKG SHGERHVLIF DLGGGTFDVS ILTIDDGIFE VKATAGDTHL GGEDFDNRLV SHFVEEFKRK HKKDISQNK RAVRRRLTACE RAKRTLSSST QANLEIDSLY EGIDFYTSIT RARFEELCAD LFRGTLEPVE KSLRDAKMDK AKIHDIIVLVG GSTRIKPVQK LLQDYFNGRD LNKSINPDEA VAYGAAVQAA ILMGDKSEKV QDLLLLDVAP LSLGLETAGG VMTVLIKRNS TIPTKQTQIF TTYSDNQPGV LIQVYEGERA MTRDNNLLGR FDLTGIPPAP RGVPQIEVTF DIDANGILNV TAMDKSTGKA NKITITNDKG RLSKEEIERM VQEAERYKAE DEGQREKIAA KNALESYAFN MKSAVGDEGL KDKISEDDK KILDKCSEVL SWLEANQLAE KEEFDHHRKE LENMCNPIIT KLYQSGCTGP TCAPGYTPGR AATGPTIEEV D
Specificity:	Rattus norvegicus (Rat)

Product Details

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.
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Purity:	> 90 %
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Target Details

Target:	HSPA1L
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Alternative Name:	Heat shock 70 kDa protein 1-like (Hspa1l) (HSPA1L Products)
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Background:	Recommended name: Heat shock 70 kDa protein 1-like. Short name= Heat shock 70 kDa protein 1L. Alternative name(s): Heat shock 70 kDa protein 3. Short name= HSP70.3
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UniProt:	P55063
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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.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Handling

Storage: -20 °C

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