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## Datasheet for ABIN1458752 HSP27 Protein (AA 1-193) (His tag)



Quantity:1 mgTarget:HSP27 (HSPB1)Protein Characteristics:AA 1-193Origin:ChickenSource:YeastProtein Type:RecombinantPurification tag / Conjugate:This HSP27 protein is labelled with His tag.Application:ELISAProduct DetailsMAERRVPFTF LTSPSWEPFR DWYHGSRLFD QSFGMPHIPE DWYKWPSGSA WPGYFRLLPS ESALLPAPGS PYGRALSELS SGISEIRQSA DSWKVTLDVN HFAPEELVVK TKDNIVEITG KHEEKQDEHG FISRCFTRKY TLPPGVEATA VRSSLSPDGM LTVEAPLPKP AIQSSEITIP VTVEAKKEEP AKKSpecificity:Gallus gallus (Chicken)Characteristics:Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.Purity:> 90 %	Overview	
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	Target Details	
	Target:	HSP27 (HSPB1)

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## Target Details

Alternative Name:	Heat shock protein beta-1 (HSPB1) (HSPB1 Products)
Background:	Recommended name: Heat shock protein beta-1. Short name= HspB1. Alternative name(s): 25 kDa IAP Actin polymerization inhibitor Heat shock 25 kDa protein. Short name= HSP 25 Heat shock 27 kDa protein. Short name= HSP 27
UniProt:	Q00649
Pathways:	MAPK Signaling, Regulation of Actin Filament Polymerization, Signaling Events mediated by VEGFR1 and VEGFR2, Negative Regulation of intrinsic apoptotic Signaling, VEGF Signaling

## Application Details

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

## Handling

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

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