Datasheet for ABIN7584758

HSPA2 Protein (AA 1-633) (His tag)

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Overview

Quantity:	100 µg
Target:	HSPA2
Protein Characteristics:	AA 1-633
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSPA2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSARGPAIGI DLGTTYSCVG VFQHGKVEII ANDQGNRTTP SYVAFTDTER LIGDAAKNQV AMNPTNTIFD AKRLIGRKFE DATVQSDMKH WPFRVVSEGG KPKVQVEYKG EMKTFFPEEI SSMVLTKMKE IAEAYLGGKV QSAVITVPAY FNDSQRQATK DAGTITGLNV LRIINEPTAA AIAYGLDKKG CAGGEKNVLI FDLGGGTFDV SILTIEDGIF EVKSTAGDTH LGGEDFDNRM VSHLAEEFKR KHKKDIGPNK RAVRRLRTAC ERAKRTLSSS TQASIEIDSL YEGVDFYTSI TRARFEELNA DLFRGTLEPV EKALRDAKLD KGQIQEIVLV GGSTRIPKIQ KLLQDFFNGK ELNKSINPDE AVAYGAAVQA AILIGDKSEN VQDLLLLDVT PLSLGIETAG GVMTPLIKRN TTIPTKQTQT FTTYSDNQSS VLVQVYEGER AMTKDNNLLG KFDLTGIPPA PRGVPQIEVT FDIDANGILN VTAADKSTGK ENKITITNDK GRLSKDDIDR MVQEAERYKS EDEANRDRVA AKNAVESYTY NIKQTVEDEK LRGKISEQDK NKILDKCQEV INWLDRNQMA EKDEYEHKQK ELERVCNPII SKLYQGGPGG GGSSGGPTIE EVD
Specificity:	Rattus norvegicus (Rat)

Product Details

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 %

Target Details

Target:	HSPA2
Alternative Name:	Heat shock-related 70 kDa protein 2 (Hspa2) (HSPA2 Products)
Background:	Recommended name: Heat shock-related 70 kDa protein 2. Short name= Heat shock protein 70.2. Alternative name(s): Testis-specific heat shock protein-related. Short name= HST
UniProt:	P14659

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 modificated 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.