

Datasheet for ABIN7584761

HSPA9 Protein (AA 47-679) (His tag)



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Overview

Quantity:	100 µg
Target:	HSPA9
Protein Characteristics:	AA 47-679
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSPA9 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	ASEA IKGAVVGIDL GTTNSCVAVM EGKQAKVLEN AEGARTTPSV VAFTPDGERL VGMPAKRQAV TNPNTFYAT KRLIGRRYDD PEVQKDTKNV PFKIVRASNG DAWVEAHGKL YSPSQIGAFV LMKMKETAEN YLGHTAKNAV ITVPAYFNDS QRQATKDAGQ ISGLNVLRLV NEPTAAALAY GLDKSEDKVI AVYDLGGGTF DISILEIQKG VFEVKSTNGD TFLGGEDFDQ ALLRHIVKEF KRETGVDLTK DNMAHQVRRE AAEKAKCELS SSVQTDINLP YLTMDASGPK HLNMKLTRAQ FEGIVTDLIK RTIAPCQKAM QDREVSKSDI GEVILVGGMT RMPKVQQTVQ DLFGRAPSKA VNPDEAVAIG AAIQGGVLAG DVTDVLLLDV TPLSLGIETL GGVFTKLINR NTTIPTKKSQ VFSTAADGQT QVEIKVCQGE REMAGDNKLL GQFTLIGIPP APRGVPQIEV TFDIDANGIV HVSAKDKGTG REQQIVIQSS GGLSKDDIEN MVKNAEKYAE EDRRKERVE AVNMAEGIIH DTETKMEEFK DQLPADECNK LKEEISKMRE LLARKDSETG ENIRQAASSL QQASLKL FEM AYKKMASERE GSGSSSTGEQ KEDQKEEKQ
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:	HSPA9
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Alternative Name:	Stress-70 protein, mitochondrial (Hspa9) (HSPA9 Products)
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Background:	<p>Recommended name: Stress-70 protein, mitochondrial.</p> <p>Alternative name(s): 75 kDa glucose-regulated protein.</p> <p>Short name= GRP-75 Heat shock 70 kDa protein 9 Mortalin Peptide-binding protein 74.</p> <p>Short name= PBP74 mtHSP70</p>
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UniProt:	P48721
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Application Details

Comment:	<p>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.</p>
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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.