Datasheet for ABIN1474675
HSPA9 Protein (AA 47-679) (His tag)


## Overview

| Quantity: | 1 mg |
| :--- | :--- |
| 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 TNPNNTFYAT KRLIGRRYDD PEVQKDTKNV PFKIVRASNG DAWVEAHGKL YSPSQIGAFV LMKMKETAEN YLGHTAKNAV ITVPAYFNDS QRQATKDAGQ ISGLNVLRVI NEPTAAALAY GLDKSEDKVI AVYDLGGGTF DISILEIQKG VFEVKSTNGD TFLGGEDFDQ ALLRHIVKEF KRETGVDLTK DNMALQRVRE 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 EDRRKKERVE AVNMAEGIIH DTETKMEEFK DQLPADECNK LKEEISKMRE LLARKDSETG ENIRQAASSL QQASLKLFEM AYKKMASERE GSGSSSTGEQ KEDQKEEKQ

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: | HSPA9 |
| Alternative Name: | Stress-70 protein, mitochondrial (Hspa9) (HSPA9 Products) |
| Background: | Recommended name: Stress-70 protein, mitochondrial. <br> Alternative name(s): 75 kDa glucose-regulated protein. <br> Short name $=$ GRP-75 Heat shock 70 kDa protein 9 Mortalin Peptide-binding protein 74 . <br> Short name $=$ PBP74 mtHSP70 |
| UniProt: | P48721 |

## Application Details

| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system <br> for secretion and intracellular expression. A protein expressed by the mammalian cell system is <br> of very high-quality and close to the natural protein. But the low expression level, the high cost <br> of medium and the culture conditions restrict the promotion of mammalian cell expression <br> systems. The yeast protein expression system serve as a eukaryotic system integrate the <br> advantages of the mammalian cell expression system. A protein expressed by yeast system <br> could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the <br> native protein conformation. It can be used to produce protein material with high added value <br> that is very close to the natural protein. Our proteins produced by yeast expression system has <br> been used as raw materials for downstream preparation of monoclonal antibodies. |
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| Restrictions: | For Research Use only |
| Handling | Lyophilized |
| Format: | Tris-based buffer, $50 \%$ glycerol |
| Renceated freezing and thawing is not recommended. Store working aliquots at $4{ }^{\circ} \mathrm{C}$ for up to |  |
| Buffer: | one week |


| Storage: | $-20^{\circ} \mathrm{C}$ |
| :--- | :--- |
| Storage Comment: | Store at $-20^{\circ} \mathrm{C}$, for extended storage, conserve at $-20^{\circ} \mathrm{C}$ or $-80^{\circ} \mathrm{C}$. |

