

Datasheet for ABIN1047447

Myosin 9 Protein (MYH9) (AA 2-241, partial) (GST tag)[Go to Product page](#)**1** Image**3** Publications

Overview

Quantity:	100 µg
Target:	Myosin 9 (MYH9)
Protein Characteristics:	AA 2-241, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Myosin 9 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	AQQAADKYLY VDKNFINNPL AQADWAAKKL VVWPSDKSGF EPASLKEEVG EEAIVELVEN GKKVKVNKDD IQKMNPFFKS KVEDMAELTC LNEASVLHNL KERYYSGLIY TYSGLFCEVI NPYKNLPIYS EEIVEMYK GK KRHEMPPIY AITDTAYRSM MQDREDQSIL CTGESGAGKT ENTKKVIQYL AYWASSHKSK KDQGELERQL LQANPILEAF GNAKTVKNDN SSRFGKFIRI
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.
Purity:	90 %

Target Details

Target:	Myosin 9 (MYH9)
Alternative Name:	Myosin-9 protein (MYH9 Products)

Target Details

Background:	Cellular myosin that appears to play a role in cytokinesis, cell shape, and specialized functions such as secretion and capping.
Molecular Weight:	54.6 kD
UniProt:	P35579
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling , Integrin Complex

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.
Restrictions:	For Research Use only

Handling

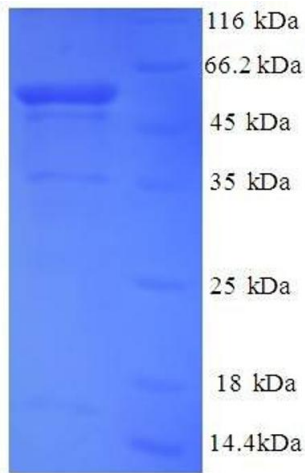
Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Publications

Product cited in:	Hartter, Khalafpour, Missbichler, Hawa, Woloszczuk: "Enzyme immunoassays for fragments (epitopes) of human proatrial natriuretic peptides." in: Clinical chemistry and laboratory
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medicine : CCLM / FESCC, Vol. 38, Issue 1, pp. 27-32, (2000) ([PubMed](#)).

Images



SDS-PAGE

Image 1. Non-Muscle Myosin Heavy Polypeptide 9 (MYH9) (AA 2-241), (partial) protein (GST tag)