

Datasheet for ABIN7478928

Caveolin-1 Protein (AA 1-178) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	Caveolin-1 (CAV1)
Protein Characteristics:	AA 1-178
Origin:	Dog
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Caveolin-1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSGGKYVDSE GHLYTVPIRE QGNIYKPNNK AMAEEMSEKQ VYDAHTKEID LVNRDPKHLN DDVVKIDFED VIAPEGTHS FDGIWKASFT TFTVTKYWFY RLLSALFGIP MALIWGIYFA ILSFLHIWAV VPCIKSFLIE IQCISRVYSI YVHTFCDPFF EAVGKIFSNI RINMQKET
Specificity:	Canis familiaris (Dog) (Canis lupus familiaris)
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:	Caveolin-1 (CAV1)
Alternative Name:	Caveolin-1 (CAV1) (CAV1 Products)

Target Details

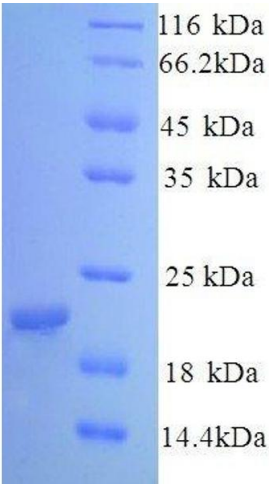
Background:	Recommended name: Caveolin-1. Alternative name(s): Vesicular integral-membrane protein VIP21
Molecular Weight:	22.6 kD
UniProt:	P33724
Pathways:	Maintenance of Protein Location, Signaling Events mediated by VEGFR1 and VEGFR2, Negative Regulation of Transporter Activity, VEGFR1 Specific Signals

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 modiflicated 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.



SDS-PAGE

Image 1. Caveolin 1, Caveolae Protein, 22kDa (CAV1) (AA 1-178) protein (His tag)