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Datasheet for ABIN1459223  
**Desmin Protein (DES) (AA 1-463) (His tag)**

### Overview

Quantity:	1 mg
Target:	Desmin (DES)
Protein Characteristics:	AA 1-463
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Desmin protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	SQSYSSSRV SSYRRTFGGG TSPVFPRAF GSRGSGSSVT SRVYQVSRTS AVPTLSTFRT TRVTPLRTYG SAYQGAGELL DFSLADAMNQ EFLQTRTNEK VELQELNDRF ANYIEKVRFL EQNALMVAE VNRLRGKQPT RVAEMYEEEL RELRRQVDAL TGQRRARVEVE RDNLLDNLQK LKQKLQEEIQ LKQEAENLA AFRADVDAAT LARIDLERRI ESLQEEIAFL KKVHEEEIRE LQAQLQEQHI QVEMDISKPD LTAALRDIRA QYESIAAKNI AEAEWYKSK VSDLTQAANK NNDALRQAKQ EMLEYRHQIQ SYTCEIDALK GTNDSLMRQM REMEERFAGE AGGYQDTIAR LEEEIRHLKD EMARHLREYQ DLLNVKMALD VEIATYRKLK EGEENRISIP MHQTFASALN FRETSPDQRG SEVHTKKTVM IKTIETRDGE VVSEATQQQH EVL
Specificity:	Gallus gallus (Chicken)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: Desmin (DES)

Abstract: [DES Products](#)

Background: Recommended name: Desmin

UniProt: [P02542](#)

## Application Details

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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

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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.