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Datasheet for ABIN1627235

**Desmoglein 1 Protein (DSG1) (AA 50-546) (His tag)**

## Overview

Quantity:	1 mg
Target:	Desmoglein 1 (DSG1)
Protein Characteristics:	AA 50-546
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Desmoglein 1 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	E WIKFAAACRE GEDNSKRNP I AKIHSDCAAN QQVTYRISGV GIDQPPYGIF VINQKTGEIN ITSIVDREVT PFFIIYCRAL NAQGQDLERP LELRVRVLDI NDNPPVFSMS TFLGQIEENS NANTLVMRLN ATDADEPNNL NSKIAFKIIR QEPSDSPMFI INRYTGEIRT MNNFLDREQY SQYSLAVRGS DRDGGADGMS AECECSIKIL DVNDNIPYME LPSNSLQIEE NSLNSNLLQI RVIDLDEEFS ANWLAVIFFI SGNEGGWFDI EMNERTNVGT LKIVKPLDYE EVKNLQLSLG VRNKAEFHQS IMSQYKLTAT AISVTVLNVI EGSVFRPGSK TYVVTSSMGQ NYKLGEFIAT DLDTGLPSTT VRYVMGNNPT DLLAIDSKTG IITLRNKVTR EQYNLLGKKY QGTILSIDDA LQRTCTGTIN IDLEGSGWED RQTDGAVTGG GTITSTNDFT PSYEYTTTNT EDVYSVTPTG NGVRVRHPLD NVHFGP
Specificity:	Sus scrofa (Pig)
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: Desmoglein 1 (DSG1)

Alternative Name: Desmoglein-1 (DSG1) ([DSG1 Products](#))

Background: Recommended name: Desmoglein-1.  
Alternative name(s): Desmosomal glycoprotein 1.  
Short name= DG1.  
Short name= DGI

UniProt: [Q3BDI7](#)

Pathways: [Cell-Cell Junction Organization](#)

## 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

## Handling

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.