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# Desmoglein 4 Protein (DSG4) (AA 50-633) (His tag)



### Overview

Quantity:	1 mg
Target:	Desmoglein 4 (DSG4)
Protein Characteristics:	AA 50-633
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Desmoglein 4 protein is labelled with His tag.
Application:	ELISA

Application:	ELISA
Product Details	
Sequence:	E WIKFAAACRE GEDNSKRNPI ARIRSDCEVS QRITYRISGA GIDRPPYGVF TINPRTGEIN
	ITSVVDREIT PLFLIHCRAL NSRGEDLERP LELRVKVMDV NDNPPVFTQN VYTANIEENS
	DANALVVKLS ATDADEDNHL NSKIAYKIIS QEPAGAPMFM VNRYTGEVRT MSNFLDREQH
	SMYNLLVRGS DRDGATDGLS SECDCRIKIL DVNDNFPILE KTSYSASIEE NCLSSELIRL
	QAIDLDEEGT DNWLAQYSIL SGNDGNWFEI QTDPKTNEGI LKLVKMLDYE QEPNIYLSIG
	VRNQAEFHHS VASQFQMHST PVRIQVINVR EGPTFRPSSM TFSLRGGMRG DSLMNYVLGT
	YTAIDMDTGS PATNVRYVIG HDAGSWLKVD SRTGEIQFSR EFDTKSKYIT DGMYAAEILA
	IDDGSGRTAT GTICIEVPDA NDYCPVIYAE SRSVCTHASS VRIYVNDHSF GAPFTFCVVD
	ESPDTADIWD IRSINGTSAI LMTEQTLSPG PYQIPILVKD SHNRACELPQ TVLLDACLCD
	DYHVCLHSST TGIYTGDTIW VTDDMGTVTD DGLRQSNVGL GPA
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien

#### **Product Details**

	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %
Target Details	

Target:	Desmoglein 4 (DSG4)
Alternative Name:	Desmoglein-4 (Dsg4) (DSG4 Products)
Background:	Recommended name: Desmoglein-4
UniProt:	Q6W3B0

# **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 modificated 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.