

Datasheet for ABIN1657564
E-cadherin Protein (AA 24-713) (His tag)



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Overview

Quantity:	1 mg
Target:	E-cadherin (CDH1)
Protein Characteristics:	AA 24-713
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This E-cadherin protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QPESED SCRPGFSSEV YTFLVPERHL ERGHILGRVK FEGCTGRPRT AFFSEDSRFK VSTDGVITVK RHLKLHKLET SFLVHAWDSS YRKLSTKVTL KSLGHHHHRH HHRDPVSESN PELLTFPSFH QGLRRQKRDW VIPPINC PEN QKGEFPQRLV QIKSNRDKET TVFYSITGPG ADKPPVGVFI IERETGWLKV TQPLDRE AID KYLLYSHAVS SNGEAVEDPM EIVVTVDQN DNRPEFIQEV FEGSVAEGAL PGTSVMQVSA TDADDDINTY NAAIAYTILS QDPELPHKNM FTVNRDTGVI SVTSGLDRE SYPTYTLVVQ AADLQGEGLS TTAKAVITVK DINDNAPIFN PSTYQGQVLE NEVGARIATL KVTDDDAPNT PAWNAVYTVV NDPDHQFTVI TDPKTNEGIL KTAKGLDFEA KQQYILHVTV ENEEPFEGSL VPSTATVTVD VVDVNEAPIF VPAEKRVEVP EDFGVGLEIA SYTAREPDTF MEQKITYRIW RDTANWLEIN PETGVISTRA EMDREDSEHV KNSTYTALII ATDDGSP IAT GTGTL LVL S DVNDNAPIPE PRNMQFCQRN PKPHVITILD PDLPPNTSPF TAE LTHGASV NWTIEYNDAE QESLILQPRK DLEIGEYKIN LKLSDNQNKD QVTTLEVHVC DCEGTVNNCM KAISLEAGLQ VPA
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Product Details

Specificity:	Rattus norvegicus (Rat)
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:	E-cadherin (CDH1)
Alternative Name:	Cadherin-1 (Cdh1) (CDH1 Products)
Background:	Recommended name: Cadherin-1. Alternative name(s): Epithelial cadherin. Short name= E-cadherin Uvomorulin CD_antigen= CD324 Cleaved into the following 3 chains: 1. E-Cad/CTF1 2. E-Cad/CTF2 3. E-Cad/CTF3
UniProt:	Q9R0T4
Pathways:	WNT Signaling , Sensory Perception of Sound , Cell-Cell Junction Organization , Tube Formation

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
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Handling

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.