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Datasheet for ABIN7318220 Cadherin 8 Protein (CDH8) (His tag)



Overview	
Quantity:	50 µg
Target:	Cadherin 8 (CDH8)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cadherin 8 protein is labelled with His tag.
Product Details	
Purpose:	Recombinant Human Cadherin-8/CDH8 Protein (His Tag)
Sequence:	Ala30-Met621
Characteristics:	Recombinant Human Cadherin-8 is produced by our Mammalian expression system and the target gene encoding Ala30-Met621 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.
Target Details	
Target:	Cadherin 8 (CDH8)
Alternative Name:	Cadherin-8/CDH8 (CDH8 Products)
Background:	Background: Cadherin-8 (CDH8) is a type II classical cadherin from the cadherin superfamily.

Member of the Cadherin superfamily are integral membrane proteins that mediate calcium-

dependent cell-cell adhesion. Cadherin proteins are composed of a large N-terminal

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Target Details

	extracellular domain, a single membrane-spanning domain, and a small highly conserved C- terminal cytoplasmic domain. Cadherins are calcium dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells. The extracellular domain of CDH8 contains five cadherin domains. CDH8 is expressed in brain and is putatively involved in synaptic adhesion, axon outgrowth and guidance. Synonym: Cadherin-8, CDH8,Nbla04261
Molecular Weight:	66.1 kDa
UniProt:	P55286
Pathways:	Cell-Cell Junction Organization
Application Details	
Restrictions:	For Research Use only
Handling	
Handling Format:	Lyophilized
	Lyophilized Please refer to the printed manual for detailed information.
Format:	
Format: Reconstitution:	Please refer to the printed manual for detailed information.