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Datasheet for ABIN7318215
OB Cadherin Protein (His tag,Fc Tag)

Overview

Quantity:	50 µg
Target:	OB Cadherin (CDH11)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OB Cadherin protein is labelled with His tag,Fc Tag.

Product Details

Purpose:	Recombinant Human Cadherin-11/CDH11 Protein (Fc & His Tag)
Sequence:	Phe23-Thr617
Characteristics:	Recombinant Human Cadherin-11 is produced by our Mammalian expression system and the target gene encoding Phe23-Thr617 is expressed with a Fc, 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	OB Cadherin (CDH11)
Alternative Name:	Cadherin-11/CDH11 (CDH11 Products)
Background:	Background: Cadherin-11, also known as OSF-4, Osteoblast cadherin and CDH11, is a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Cadherins interact with themselves in a homophilic

Target Details

manner in connecting cells, may thus contribute to the sorting of heterogeneous cell types. Cadherin-11 contains five cadherin domains and is mainly expressed in brain. Mature cadherin proteins consists of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. It is shown that cadherin-11 is a viable molecular target for therapeutic intervention in Glioblastoma multiforme. Synonym: Cadherin 11 Type 2 OB-cadherin (Osteoblast), Cadherin 11 Type 2 OB-Cadherin (Osteoblast) Isoform CRA_c, CDH11

Molecular Weight: 93.5 kDa

UniProt: [Q96CZ9](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.