



[Go to Product page](#)

Datasheet for ABIN1880628

## OB Cadherin Protein (AA 23-617) (Fc Tag,His tag)

### Overview

Quantity:	50 µg
Target:	OB Cadherin (CDH11)
Protein Characteristics:	AA 23-617
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OB Cadherin protein is labelled with Fc Tag,His tag.

### Product Details

Purpose:	Recombinant Human Cadherin-11/OB-Cadherin/CDH11 (C-Fc-6His)
Sequence:	FAPERRGHLR PSFHGHHEKG KEGQVLQRSK RGWVWNQFFV IEEYTGDPDV LVGRLHSDID SGDGNIKYIL SGEAGATIFV IDDKSGNIHA TKTLDREERA QYTLMAQAVD RDTNRPLEPP SEFIVKVQDI NDNPPPEFLHE TYHANVPERS NVGTSVIQVT ASDADDPTYG NSAKLVYSIL EGQPYFSVEA QTGIIRTALP NMDREAKEYEY HVVIQAKDMG GHMGGLSGTT KVMITLTDVN DNPPKFPQSV YQMSVSEAAV PGEEVGRVKA KDPDIGENGL VTYNIVDGDG MESFEITTDY ETQEGVIKLG KPVDVFETKRA YSLKVEAANV HIDPKFISNG PFKDVTVTKI AVEDADEPPM FLAPSYIHEV QENAAAGTVV GRVHAKDPDA ANSPIRYSID RHTDLDRFFT INPEDGFIKT TKPLDREETA WLNITVFAAE IHNHRHQEAKV PVAIRVLDVN DNAPKFAAPY EGFICESDQT KPLSNQPIVT ISADDKDDTA NGPRFIFSLP PEIHNPNFT VRDNRDNTAG VYARRGGFSR QKQDLYLLPI VISDGGIPPM SSTNTLTIKV CGCDVNGALL SCNAEAYILN AGLSTVDDIE GRMDEPKSCD KTHTCPPCPA PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR VVSVLTVLHQ DWLNGKEYKC KVSNKALPAP

## Product Details

---

IEKTISKAKG QPREPVYTL PPSREEMTKN QVSLTCLVKG FYPSDIAVEW ESNGQPENNY  
KTTTPVLDSG GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL SLSPGKHHHH HH

**Characteristics:** Recombinant Human Cadherin-11/ CDH11 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Phe23-Thr617) of Human CDH11 fused with a FC-6His tag at the C-terminus.

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Sterility:** 0.2 µm filtered

**Endotoxin Level:** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

---

**Target:** OB Cadherin (CDH11)

**Alternative Name:** CDH11 ([CDH11 Products](#))

**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 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.

**Molecular Weight:** 93.5 kDa

**UniProt:** [Q96CZ9](#)

## Application Details

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Lyophilized

**Reconstitution:** It is not recommended to reconstitute to a concentration less than 100 µg/mL.  
Dissolve the lyophilized protein in ddH<sub>2</sub>O.  
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Handling

---

Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.