Product Name: Recombinant Human CDH11 (C-6His)
Catalog #: PHH0190

Summary

Name	Cadherin-11/CDH11
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Cadherin-11 is produced by our Mammalian expression system and the target gene encoding Phe23-Thr617 is expressed with a 6His tag at the C-terminus.
Accession #	Q96CZ9
Host	Human Cells
Species	Human
Predicted Molecular Mass	66.63 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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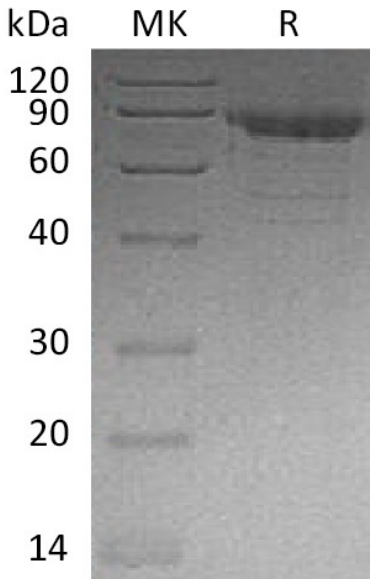

Alternative Names

Cadherin 11 Type 2 OB-cadherin (Osteoblast); Cadherin 11 Type 2 OB-Cadherin (Osteoblast) Isoform CRA_c; CDH11

Background

Cadherin-11 is a type II classical cadherin member of the cadherin superfamily of integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Cadherins interact with themselves in a homophilic manner in connecting cells, and thus contribute to the sorting of heterogeneous cell types. Cadherin-11 contains five cadherin domains and is mainly expressed in the 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.

Note

For Research Use Only , Not for Diagnostic Use.