

Recombinant Human Cadherin-11/CDH11 Protein (His Tag)



Catalog Number: PKSH032136

1 Publications

Note: Centrifuge before opening to ensure complete recovery of vial contents.

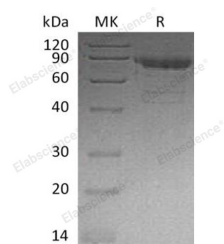
Description

Synonyms	Cadherin 11 Type 2 OB-cadherin (Osteoblast); Cadherin 11 Type 2 OB-Cadherin (Osteoblast) Isoform CRA_c; CDH11
Species	Human
Expression Host	HEK293 Cells
Sequence	Phe23-Thr617
Accession	Q96CZ9
Calculated Molecular Weight	66.6 kDa
Observed molecular weight	82 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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