

Synonym

Cadherin-9,CDH9

Source

Human Cadherin-9, His Tag (CA9-H52H6) is expressed from human 293 cells (HEK293). It contains AA Gly 54 - Ala 615 (Accession # [Q9ULB4-1](#)).

Molecular Characterization

Cadherin-9(Gly 54 - Ala 615)
Q9ULB4-1 Poly-his

This protein carries a polyhistidine tag at the C-terminus.

The protein has a calculated MW of 64.5 kDa. The protein migrates as 70-80 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

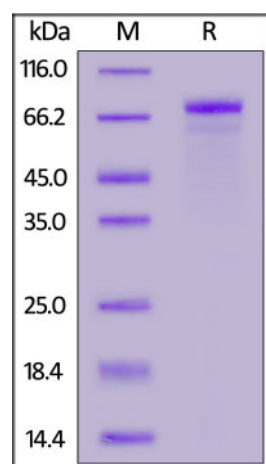
Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE

Human Cadherin-9, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Background

Cadherin-9 (CDH9) is a member of the larger Cadherin superfamily of cell surface glycoproteins originally identified as proteins mediating cell-cell adhesion. Cadherins are a large family of cell-cell adhesion molecules involved in inter-cellular adhesion in a wide variety of cell types. In the nervous system, cadherins are known to be crucial to all stages of development, including the early separation of the neural tube from the ectoderm, the segregation of neurones and axons, and the formation of synapses.

Clinical and Translational Updates

Human Cadherin-9 / CDH9 Protein, His Tag

Catalog # CA9-H52H6



Please contact us via TechSupport@acrobiosystems.com if you have any question on this product.