



Synonym

CD109,CPAMD7,r150,p180,CPAMD7

Source

Cynomolgus CD109 Protein, His Tag(CD9-C52H5) is expressed from human 293 cells (HEK293). It contains AA Ala 19 - Ser 1266 (Accession # [A0A2K5VNN2](#)).

Molecular Characterization

CD109(Ala 19 - Ser 1266) A0A2K5VNN2	Poly-his
--	----------

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

The protein has a calculated MW of 141.7 kDa. The protein migrates as 160-180 kDa when calibrated against [Star Ribbon Pre-stained Protein Marker](#) under reducing (R) condition (SDS-PAGE) due to glycosylation.

Endotoxin

Less than 1.0 EU per µg by the LAL method / rFC method.

Purity

>90% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

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

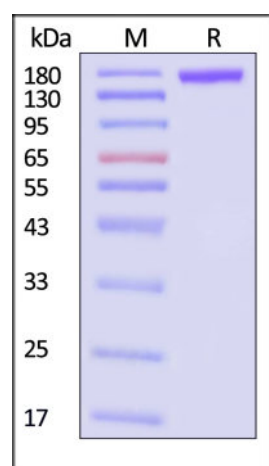
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

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



Cynomolgus CD109 Protein, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

Background

CD109 is a glycosyl phosphatidylinositol (GPI)-linked glycoprotein that localizes to the surface of platelets, activated T-cells, and endothelial cells. CD109 is expressed in many malignant tumors, including various squamous cell carcinomas and adenocarcinomas, and plays a role as a multifunctional coreceptor. CD109 reportedly associates with transforming growth factor (TGF)-β receptors and negatively regulates TGF-β signaling in keratinocytes. Additionally, CD109 is potentially related to signal transducer and activator of transcription-3 signaling and aberrant cell proliferation.

Discounts, Gifts,
and more!



Cynomolgus CD109 / CPAMD7 Protein, His Tag

Catalog # CD9-C52H5



**Discounts, Gifts,
and more!**



>> www.acrobiosystems.com