HUMAN CD109 PROTEIN, HIS TAG

Cat.#: 11916

Product Name: Human CD109 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: CPAMD7;p180;r150

Target: CD109

UNIPROT ID: Q6YHK3

Description: Recombinant Human CD109 Protein with C-terminal 6xHis tag

Background: This gene encodes a glycosyl phosphatidylinositol (GPI)-linked glycoprotein that localizes to the surface of platelets, activated T-cells, and endothelial cells. The protein binds to and negatively regulates signalling by transforming growth factor beta (TGF-beta). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 157.4 kDa after removal of the signal peptide. The apparent molecular mass of CD109-His is approximately 130-250 kDa due to glycosylation.

Molecular Characterization: CD109(Val22-Ala1420) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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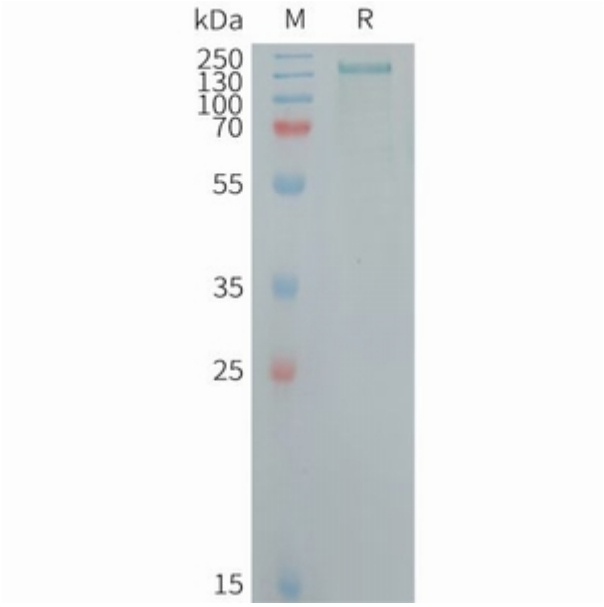

Figure 1.Human CD109 Protein, His Tag on SDS-PAGE under reducing condition.

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