

## Recombinant human CD109 protein, C-His (HEK293)

Catalog Number: bs-43742P

Concentration: >1mg/ml

Species: Human

AA Seq: 22-1269/1445

Predicted MW: 141.7 kDa

Tags: C-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

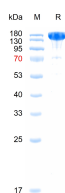
Form: Liquid

Storage: PBS (pH=7.4)

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** CD109 is a novel member of the alpha2-macroglobulin (alpha2M)/complement superfamily. It is a glycosylphosphatidylinositol (GPI)-linked cell surface glycoprotein of approximately 170 kd found on endothelial cells, activated platelets and T-cells and on a subset of hematopoietic stem and progenitor cells. Although it has been suggested that T-cell CD109 may play a role in antibody-inducing T-helper function and it is known that platelet CD109 carries the Gov alloantigen system, the role of CD109 in hematopoietic cells remains largely unknown. CD109 has been identified as part of the TGF-beta receptor system in human keratinocytes and upregulation of CD109 expression has been observed in several different types of tumour.

### VALIDATION IMAGES



The purity of the protein is greater than 85% as determined by reducing SDS-PAGE.