

Recombinant Human CD109 protein, His-Avi-tagged, Biotinylated

Cat. No. CD109-2981H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human CD109 protein(Val 22-Ser 1269), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Val 22-Ser 1269
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 143.5 kDa. The protein migrates as 150-170 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
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.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	Biotin
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GENE INFORMATION

Gene Name	CD109 CD109 molecule [Homo sapiens]
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Official Symbol	CD109
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Synonyms	CD109; CD109 molecule; CD109 antigen (Gov platelet alloantigens); CD109 antigen; CPAMD7; DKFZp762L1111; FLJ38569; p180; r150; Gov platelet alloantigens; activated T-cell marker CD109; platelet-specific Gov antigen; 150 kDa TGF-beta-1-binding protein; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 7; RP11-525G3.1; FLJ41966;
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Gene ID	135228
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mRNA Refseq	NM_001159587
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Protein Refseq	NP_001153059
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MIM	608859
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UniProt ID	Q6YHK3
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