

Recombinant Human CD109 protein, His-tagged

Cat. No. CD109-3875H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD109 protein(957-1041 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	957-1041 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MRQGYQRELLYQREDGSFSAFGNYDPSGSTWLSAFVLRCLFLEADPYIDIDQNVLHR TYTWLKGHQKSNGEFWDPGRVIHSELQGG
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [CD109 CD109 molecule \[Homo sapiens \]](#)

Official Symbol [CD109](#)

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;

Gene ID [135228](#)

mRNA Refseq [NM_001159587](#)

Protein Refseq [NP_001153059](#)

MIM [608859](#)

UniProt ID [Q6YHK3](#)

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