

## Recombinant Human CD109 protein, His-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant Human CD109 protein(957-1041 aa), fused to His tag, was expressed in E. coli.   |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 957-1041 aa   |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | MRQGYQRELLYQREDGSFSAFGNYDPSGSTWLSAFVLRFCLEADPYIDIDQNVLHR<br>TYTWLKGHQKSNGEFWDGPGRVIHSELQGG  |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.  |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>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.  |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.<br>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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