

## Recombinant Human PLAC9 protein(Met1-Phe97), mFc-tagged

**Cat. No.** PLAC9-1299H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PLAC9 (Q5JTB6) (Met1-Phe97) was expressed in HEK293, fused with Fc region of Mouse IgG1 at the C-terminus.                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Met1-Phe97                                                                                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                      |
| <b>Molecular Mass</b>   | The recombinant Human PLAC9/Fc is a disulfide-linked homodimer. The reduced monomer comprises 309 amino acids and has a predicted molecular mass of 34.5 kDa. The apparent molecular mass of the protein is approximately 37 in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                                                      |
| <b>Purity</b>           | > 90 % as determined by SDS-PAGE                                                                                                                                                                                                                                    |
| <b>Storage</b>          | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.                     |

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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.

**GENE INFORMATION**

|           |                                            |
|-----------|--------------------------------------------|
| Gene Name | PLAC9 placenta-specific 9 [ Homo sapiens ] |
|-----------|--------------------------------------------|

|                 |       |
|-----------------|-------|
| Official Symbol | PLAC9 |
|-----------------|-------|

|         |        |
|---------|--------|
| Gene ID | 219348 |
|---------|--------|

|             |                |
|-------------|----------------|
| mRNA Refseq | NM_001012973.1 |
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| Protein Refseq | NP_001012991.1 |
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| MIM | 612857 |
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|------------|--------|
| UniProt ID | Q5JTB6 |
|------------|--------|

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