



# Recombinant Human Platelet-derived growth factor C (PDGFC)

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| <b>Product Code</b>      | CSB-EP868298HU-B   |
| <b>Abbreviation</b>      | PDGFC  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |
| <b>Uniprot No.</b>       | Q9NRA1   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | ESNLSSKF QFSSNKEQNG VQDPQHERII TVSTNGSIHS PRFPHTYPRN<br>TVLVWRLVAV EENVWIQLTF DERFGLEDPE DDICKYDFVE VEEPSDGTIL<br>GRWCGSGTVP GKQISKGNQI RIRFVSDEYF PSEPGFCIHV NIVMPQFTEA<br>VSPSVLPSSA LPLDLLNNAI TAFSTLEDLI RYLEPERWQL DLEDLYRPTW<br>QLLGKAFVFG RKSrvVDLNL LTEEVRLYSC TPRNFVSVIR EELKRTDTIF<br>WPGCLLVKRC GGNCACCLHN CNECQCVPSK VTKKYHEVLQ<br>LRPKTGVRGL HKSLTDVALE HHEECDCVCR GSTGG                            |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | PDGFC  |
| <b>Protein Names</b>     | Recommended name: Platelet-derived growth factor C Short name= PDGF-C<br>Alternative name(s): Fallotein Spinal cord-derived growth factor Short name=<br>SCDGF VEGF-E Cleaved into the following 2 chains: 1. Platelet-derived grow  |
| <b>Expression Region</b> | 23-345   |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full Length of Mature Protein  |
| <b>Target Details</b>    | This protein is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines. This gene product appears to form only homodimers. It differs from the platelet-derived growth factor alpha and beta polypeptides in having an unusual N-terminal domain, the CUB domain. |
| <b>Reconstitution</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final   |



concentration of glycerol is 50%. Customers could use it as reference.

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