



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

<b>Product Code</b>	CSB-EP878002CH-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. 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>	Q9I946
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	ESDLSSKF SFPGAKEQNG VQDPQHEKII TVTSNGSIHS PKFPHTYPRN TVLVWRLVAV DENVWIQLTF DERFGLEDPE DDICKYDFVE VEEPSDGTVL GRWCGSSSVP SRQISKGNQI RIRFVSDEYF PSQPGFCIH Y TLLVPHHTEA PSPSSLPPSA LPLDVLNNAV AGFSTVEELI RYLEPDRWQL DLEDLYRPTW QLLGKAYIHG RKS RVVDLNL LKEEVRLYSC TPRNFVSLR EELKRTDTIF WPLCLLVKRC GGNCACCHQN CNECQCIP TK VTKKYHEVLQ LKPRSGVRGL HKSLTDVPLE HHEECDVCK GNSEG
<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 Alternative name(s): Spinal cord-derived growth factor Cleaved into the following 2 chains: 1. Platelet-derived growth factor C, latent form Short name= 2. PDG
<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.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

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.