



# Recombinant Human Platelet-derived growth factor D (PDGFD)

<b>Product Code</b>	CSB-BP887935HU
<b>Abbreviation</b>	PDGFD
<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>	Q9GZP0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	RD TSATPQSASI KALRNANLRR DESNHLTDLY RRDETIQVKG NGYVQSPRFP NSYPRNLLLT WRLHSQENTR IQLVFDNQFG LEEAENDICR YDFVEVEDIS ETSTIIRGRW CGHKEVPPRI KSRTNQIKIT FKSDDYFVAK PGFKIYYSLLEDFQPAAASE TNWESVTSSI SGVSYNSPSV TDPTLIADAL DKKIAEFDTV EDLLKYFNPE SWQEDLENMY LDTPRYRGRS YHDRKSKVDL DRLNDDAKRY SCTPRNYSVN IREELKLANV VFFPRCLLVQ RCGGNCGCGT VNWRSCTCNS GKTVKKYHEV LQFEPGHIKR RGRAKTMALV DIQLDHERC DCICSSRPPR
<b>Source</b>	Baculovirus
<b>Target Names</b>	PDGFD
<b>Protein Names</b>	Recommended name: Platelet-derived growth factor D Short name= PDGF-D Alternative name(s): Iris-expressed growth factor Spinal cord-derived growth factor B Short name= SCDGF-B Cleaved into the following 2 chains: 1. Platelet-
<b>Expression Region</b>	19-370
<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, seven of which are found in this factor. This gene product only forms homodimers and, therefore, does not dimerize with the other three family members. It differs from alpha and beta members of this family in having an unusual N-terminal domain, the CUB domain. Two splice variants have been identified for this gene.
<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.