

## PDGF-DD Protein, Human (CHO)

Cat. No.:	HY-P7280
Synonyms:	rHuPDGF-DD; Platelet-derived growth factor D; SCDGFB
Species:	Human
Source:	CHO
Accession:	Q9GZP0 (S250-R370)
Gene ID:	80310
Molecular Weight:	19-21 kDa

### PROPERTIES

AA Sequence	<p>           SYHDRKSKVD    LDRLNDDAKR    YSCTPRNYSV    NIREELKLAN            VVFFPRCLLV    QRCGGNCGCG    TVNWRSTCN    SGKTVKKYHE            VLQFEPGHIK    RRGRAKTMAL    VDIQLDHER    CDCICSSRPP            R         </p>
Biological Activity	ED <sub>50</sub> < 5.0 µg/mL, measured in a cell proliferation assay using 3T3 cells.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against PBS.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	PDGF-DD is a member of the PDGF family, specifically binds to and activates its cognate receptor PDGFR-β, and participates in regulating cancer proliferation, transformation, and invasion through activating multiple downstream oncogenic pathways, resulting in tumor development and progression <sup>[1]</sup> .
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### REFERENCES

**Caution: Product has not been fully validated for medical applications. For research use only.**

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