

## Murine PDGF-AA

Synonyms: Glioma-derived growth factor, GDGF, Osteosarcoma-derived Growth Factor, ODGF, PDGF-AA, PDGF-1.

*PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING*

Size	Order #	Lot #	Expiry Date
2 µg	1800.960.002		
10 µg	1800.960.010		
1 mg	1800.960.199		

Please enquire for bulk quantities and other vial sizes

### Description

PDGF-AA Murine Recombinant is a disulfide linked homodimeric, non-glycosylated, polypeptide chain containing 2 x 126 amino acids and having a total molecular mass of 28.9 kDa.

- **Source** *E. Coli*
- **Purity** ≥ 97 % (SDS-PAGE, RP-HPLC)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The protein was lyophilized with no additives\*
- **Physical state** Sterile filtered, lyophilized

### Biological Activity

Established by the dose-dependent stimulation of Balb/c 3T3 cells proliferation. The expected ED<sub>50</sub> for this effect is 8-10 ng/ml corresponding to a specific activity of 100,000-125,000IU/mg.

### Reconstitution

It is recommended to reconstitute the lyophilized PDGF-AA in sterile 18MO-cm H<sub>2</sub>O at a concentration ranging between 0.1-0.5mg per 1ml, which can then be further diluted to other aqueous solutions.

### Stability

Lyophilized PDGF-AA although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution PDGF-AA should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

### Amino Acid Sequence

MSIEEAVPAV CKTRTVIYEI PRSQVDPTSA NFLIWPPCVE VKRCTGCCNT SSVKCQPSRV HHRSVKVAKV  
EYVRKKPKLK EVQVRLEEHL ECACATSNLN PDHREETGR RRESGKNRKR KRLKPT

**Usage:** For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

\*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

ORDERING  
Tel.: +49 40 43208448-0  
order@active-bioscience.de  
www.active-bioscience.de

TECHNICAL SUPPORT  
Tel.: +49 40 43208448-11  
support@active-bioscience.de

Active Bioscience GmbH  
Oberaltenallee 8  
D-22081 Hamburg  
HRB 98170 Amtsgericht Hamburg