

## Placental Growth Factor-1 Mouse Recombinant

<b>Item Number</b>	rAP-2431
<b>Synonyms</b>	Placenta growth factor, PIGF, PGF1.
<b>Description</b>	PGF1 Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 138 amino acids (27-158a.a.) and having a molecular mass of 15.9kDa (Molecular size on SDS-PAGE will appear at approximately 18-28kDa).
<b>Uniprot Accession Number</b>	P49764
<b>Amino Acid Sequence</b>	AGNNSTEVEV VPFNEVWGRS YCRPMEKLVY ILDEYPDEVS HIFSPSCVLL SRCSGCCGDE GLHCVPIKTA NITMQILKIP PNRDPHFYVE MTFSQDVLCE CRPILETTKA ERRKTKGKRK RSRNSQTEEP HPHHHHHH.
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
<b>Formulation and Purity</b>	PGF1 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4), 0.1mM PMSF and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**