

Product Datasheet

Human PLGF1 (Sf9) protein orb427741

Description	Recombinant of human PLGF1 (Sf9) protein
Reactivity	Human
Conjugation	Unconjugated
Target	PLGF1 (Sf9)
Form/Appearance	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a concentrated (1mg/ml) solution containing 50mM acetic acid.
Storage	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.
Note	For research use only.
Protein Sequence	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Leu-Pro-Ala-Val.
Purity	>95.0% as determined by SDS-PAGE.
Source	Insect Cells.
Activity	The ED50 as determined by its ability to bind to immobilized rh-sFlt-1 in a functional ELISA. PlGF-1 human Recombinant can bind to immobilized rh-sFlt-1 (100ng/well) with a linear range at 0.5-10ng/ml, corresponding to a Specific Activity of 1x10 ⁵ -2x10 ⁶ units/mg.
Solubility (25°C)	It is recommended to reconstitute the lyophilized Placenta Growth Factor 1 in sterile 0.1M acetic acid not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.