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Product Datasheet

Mouse PDGF BB Protein BYT-ORB429457

Article Name	Mouse PDGF BB Protein
Biozol Catalog Number	BYT-ORB429457
Supplier Catalog Number	orb429457
Alternative Catalog Number	BYT-ORB429457-1,BYT-ORB429457-10,BYT-ORB429457-2
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	Recombinant of mouse PDGF B protein...
Buffer	The protein was lyophilized from 10mM NaCitrate pH-3.0.
Purity	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	MSLGSLAAAE PAVIAECKTR TEVFQISRNL IDRTNANFLV WPPCVEVQRC SGCCNNRNVQ CRASQVQMRP VQVRKIEIVR KKPIFKKATV TLEDHLACKC ETIVTPRPVT

Application Notes

Solubility: It is recommended to reconstitute the lyophilized Platelet-derived Growth Factor-BB in sterile 100mM acetic acid and 0.1% BSA not less than 100µg/ml, which can then be further diluted to other aqueous solutions. Biological Activity: The biological activity is determined by the dose-dependant stimulation of the proliferation of human umbelical vein endothelial cells (HUVEC) using a concentration range of less than 1.6ng/ml. Application Notes: Protein content: Protein quantitation was carried out by two independent methods:1. UV spectroscopy at 280 nm using the absorbency value of 0.48 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using a standard solution of PDGF-BB as a Reference Standard