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Product Datasheet

Recombinant Human Oncostatin-M (rHuOSM) BWT-PR1104

Article Name	Recombinant Human Oncostatin-M (rHuOSM)
Biozol Catalog Number	BWT-PR1104
Supplier Catalog Number	PR1104
Alternative Catalog Number	BWT-PR1104-2UG,BWT-PR1104-10UG,BWT-PR1104-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Oncostatin M (OSM) is a growth and differentiation factor that participates in the regulation of neurogenesis, osteogenesis and hematopoiesis. Produced by activated T cells, monocytes and Kaposi sarcoma cells, OSM can exert both stimulatory and inhibitory effects on a variety of target cells. It has been implicated in the regulation of cell proliferation, differentiation, and survival in numerous tissues and cell types.
Molecular Weight	Approximately 26.0 kDa, a single non-glycosylated polypeptide chain containing 227 amino acids.
Source	Escherichia coli.
Purity	>95% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	AAIGSCSKEYRVLLGQLQKQTDLMQDTSRLLDPYIRIQGLDVPKLREHCRERP GAFPSEETLRGLGRRGFLQTLNATLGCVLHRLADLEQRLPKAQDLERSGLNIE DLEKLQMARPNIILGRNNIYCMAQLLDNSDTAEPTKAGRGAQPPPTPASDA FQRKLEGCRFLHGYHRFMHSVGRVFSKVGESPNSRRHSPHQALRKGVRR RPSRKGKRLMTRGQLPR
Formula	Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.

Application Notes

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at <-20C. Further dilutions should be made in appropriate buffered solutions.