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## Product Datasheet

### Recombinant Human Interleukin-31 (rHu IL-31) BWT-PR1070

Article Name	Recombinant Human Interleukin-31 (rHu IL-31)
Biozol Catalog Number	BWT-PR1070
Supplier Catalog Number	PR1070
Alternative Catalog Number	BWT-PR1070-2UG,BWT-PR1070-10UG,BWT-PR1070-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Human IL-31 is a T-cell derived cytokine that shares several structural and functional characteristics with IL-6, Oncostatin M, LIF, and Cardiotrophin-1. It signals through a receptor complex comprised of GPL (GP130-like, IL-31RA) and OSMR (Oncostati...
Molecular Weight	Approximately 15.8 kDa, a single non-glycosylated polypeptide chain containing 141 amino acids.
Source	Escherichia coli.
Purity	>97% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	SHTLPVRLLR PSDDVQKIVE ELQSLSKMLL KDVEEEKGVL VSQNYTLPLCL SPDAQPPNNI HSPAIRAYLK TIRQLDNKSV IDEIIEHLDK LIFQDAPETN ISVPTDTHC KRFILTISQQ FSECMDLALK SLTSGAQQAT T
Formula	Lyophilized from a 0.2mm filtered concentrated solution in PBS.

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.