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Product Datasheet

Recombinant Human Interleukin-13 Variant (rHuIL-13 variant) BWT-PR1061

Article Name	Recombinant Human Interleukin-13 Variant (rHuIL-13 variant)
Biozol Catalog Number	BWT-PR1061
Supplier Catalog Number	PR1061
Alternative Catalog Number	BWT-PR1061-2UG,BWT-PR1061-10UG,BWT-PR1061-1.0MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	The human IL-13 cDNA encodes a 132 amino acid protein containing a proposed 20 amino acid signal peptide. Human IL-13 shares approximately 30% amino acid sequence homology to human IL-4 and the two cytokines exhibit overlapping biological activities....
Molecular Weight	Approximately 12.5 kDa, a single non-glycosylated polypeptide chain containing 114 amino acids, with a substitution of Q for R at position 112 compared with the wild type IL-13.
Source	Escherichia coli.
Purity	>95% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	SPGPVPPSTA LRELIEELVN ITQNQKAPLC NGSMVWSINL TAGMYCAALE SLINVSGCSA IEKTQRMLSG FCPHKVSAGQ FSSLHVRDTK IEVAQFVKDL LLHLKCLFRE GQFN
Formula	Lyophilized from a 0.2m filtered concentrated solution in PBS, pH 7.2, containing 5% trehalose.

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.