
Product Datasheet

Human Interleukin-13 Variant (rHuIL-13 variant) (orb1495043)

Evolution Bioprocessants.
Description

The human IL-13 cDNA encodes a

proposed 20 amino acid signal pep...

Endotoxins

Less than 1EU/µg of rHuIL-13 variant as determined by LAL method.

Preservatives

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.2, containing 5% trehalose.

Form/Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Storage

This lyophilized preparation is stable for several weeks at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

Note

For research use only

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 -20°C. Further dilutions should be made in appropriate buffered solutions.

Protein Sequence

SPGPVPPSTA LRELIEELVN
ITQNQKAPLC NGSMVWSINL
TAGMYCAALE SLINVSGCSA
IEKTQRMLSG FCPHKVSAGQ
FSSLHVRDTK IEVAQFVKDL
LLHLKLFRE GQFN

Source

Escherichia coli.

MW

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