
Product Datasheet

Human Interleukin-12 (rHuIL-12) (orb1495045)

Description

Interleukin 12, also known as natural

cytotoxic lymphocyte ...

Endotoxins

Less than 1EU/mg of rHull-12 as determined by LAL method.

Preservatives

Lyophilized from a 0.2mm filtered concentrated solution in PBS, pH 7.4.

Form/Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Storage

This lyophilized preparation is stable 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

p35 Subunit: RNLPVATPDP GMFPCLHHSQ
 NLLRAVSNML QKARQTLEFY PCTSEEIDHE
 DITKDKTSTV EACLPLELTK NESCLNSRET
 SFITNGSCLA SRKTSFMMAL CLSSIYEDLK
 MYQVEFKTMN AKLLMDPKRQ
 IFLDQNMLAV IDELMQALNF NSETVPQKSS
 LEEPDFYKTK IKLCILLHAF RIRAVTIDRV
 MSYLNAS p40 Subunit: IWELKKDVYV
 VELDWYPDAP GEMVVLTCDT
 PEEDGITWTL DQSSEVLGSG KTLTIQVKEF
 GDAGQYTCHK GGEVLSHSL
 LLHKKEDGIW STDILKDQKE PKNKTFLRCE
 AKNYSGRFTC WWLTTISTDL TFSVKSSRGS
 SDPQGVTCGA ATLSAERVRG
 DNKEYEYSVE CQEDSACPAE EESLPIEVMV
 DAVHKLKYEN YTSSFFIRD I KPDPPKNLQ
 LKPLKNSRQV EVSWEYPDTW STPHSYFSLT
 FCVQVQGKSK REKKDRVFTD KTSATVICRK

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a 197 amino acid residue p35 subunit.