
Product Datasheet

Porcine IL 1 alpha Protein (orb429397)

Description

Recombinant of porcine IL1 alpha protein

Preservatives

The protein was lyophilized from a concentrated (1mg/ml) sterile solution containing no additives.

Form/Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Storage

Stability: Lyophilized Interleukin-1 alpha although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL1A should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles

Note

For research use only

Application notes

Protein content: Protein quantitation was carried out by two independent methods: 1. UV spectroscopy at 280 nm using the absorbency value of 0.669 as the extinction coefficient for a 0.1% (1mg/ml) solution. This value is calculated by the PC GENE computer analysis program of protein sequences (IntelliGenetics). 2. Analysis by RP-HPLC, using a standard solution of IL-1 as a Reference Standard

Protein Sequence

The sequence of the first five N-terminal amino acids was determined and was found to be Ser-Ala-Thr-Tyr-Ser

Purity

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Source

Escherichia Coli

Solubility (25°C)

It is recommended to reconstitute the lyophilized Interleukin-1 alpha in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Expiration Date

12 months from date of receipt.