

Data Sheet: CellGro[®] / CellGenix[™]
GMP Recombinant Human Interleukin-3 (rh IL-3)
Order No.: 1002-050

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|--------------------------|---|
| Source | A DNA sequence encoding the mature IL-3 protein was expressed in <i>E. coli</i> |
| Molecular mass | The methionyl form of the <i>E. coli</i> expressed mature human IL-3 contains 133 amino acid residues and has a molecular mass of 15 kDa |
| Identity | Confirmed by RP-HPLC |
| Purity | 80-110% as determined by RP-HPLC |
| Endotoxin level | < 1000 EU/mg, as determined by LAL gel clot test according to Ph.Eur.; typically < 100 EU/mg |
| Activity | 0.5x10 ⁶ – 5x10 ⁶ IU/mg calibrated with the 1 st International Standard NIBSC, # 91/510 Measured in a cell proliferation assay using a human factor-dependent cell line, TF-1 (Kitamura, T. et al., 1989, J. Cell Physiol. 140:323-334) |
| Sterility | Sterility test according to Ph.Eur. of the vialled product (direct inoculation) |
| Formulation | Lyophilized from a 250 µg/ml, 0.2µm sterile-filtered solution in PBS without any carrier materials and preservatives |
| Amount per vial | 50 ± 7.5 µg, as determined by spectrophotometrical measurement at 280 nm using PBS as reference |
| Transport | Ambient temperature |
| Storage at | -20°C or below. Avoid repeated freeze-thaw cycles |
| Shelf life | Minimum 6 months from date of shipping |
| Intended use | For clinical ex vivo use. Not intended for human in vivo application |
| Quality statement | This product is manufactured, tested and released in compliance with the relevant GMP-guidelines. |

Manufacturer

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