

Data Sheet: CellGro® / CellGenix™
Recombinant Human Interleukin-10 (rh IL-10)
Preclinical Grade - Order No.: 1414-010 / 1414-050

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|------------------------|--|
| Source | A DNA sequence encoding the mature IL-10 protein was expressed in <i>E. coli</i> |
| Production | Terminal manufacturing steps and QC are performed in a GMP facility |
| Molecular mass | The methionyl form of the <i>E. coli</i> expressed mature human IL-10 contains 167 amino acid residues (including a C-terminal His6-tag) and has a molecular mass of 20 kDa |
| Purity | ≥ 95%, as determined by SDS-PAGE |
| Endotoxin level | < 1000 EU/mg, as determined by LAL gel clot test |
| Activity | ≥ 2.5 x 10 ⁶ IU/mg, calibrated with the 1 st International Standard NIBSC, # 93/722 Measured in a cell proliferation assay using an IL-10 sensitive cell line, MC/9 |
| Sterility | Sterility test of the vial product (direct inoculation) |
| Formulation | Lyophilized from a protein solution in PBS without any carrier materials or preservatives |
| Amount per vial | 50 µg or 10 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 shipment |
| Intended use | For preclinical ex vivo use. Not intended for therapeutic use. |

Manufacturer

CellGenix GmbH
Am Flughafen 16 | 79108 Freiburg | Germany
Tel.: +49 761 88889-0 | Fax: +49 761 88889-830
www.cellgenix.com | info@cellgenix.com

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