

Data Sheet: CellGro® / CellGenix™
Recombinant Human Flt-3 Ligand (rh Flt-3L)
Preclinical Grade - Order No.: 1415-010 / 1415-050

Source	A DNA sequence encoding a truncated Flt-3L 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 truncated human Flt-3L contains 161 amino acid residues (including a C-terminal His6-tag) and has a molecular mass of 18 kDa
Purity	≥ 95%, as determined by SDS-PAGE
Endotoxin level	< 1000 EU/mg, as determined by LAL gel clot test
Activity	≥ 0.5 x 10 ⁶ IU/mg calibrated with the 1 st International Standard NIBSC, # 96/532 Measured in a cell proliferation assay using a human factor-dependent cell line, OCI/AML5
Sterility	Sterility test of the vial product (direct inoculation)
Formulation	Lyophilized from a protein solution in PBS without any carrier materials and 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

CellGro® is a registered trade mark of CellGenix GmbH in several European countries and Japan.
In the U.S.A. products are distributed under the name of CellGenix™.