



**Data Sheet: CellGro® / CellGenix™**  
**Recombinant Human Interleukin 15 (IL-15)**  
**research grade - Order No.: 1413**

Source	A DNA sequence encoding the mature IL-15 protein was expressed in <i>E. coli</i> .
Raw Material Statement	n.a.
Production	Produced in a GMP environment.
Molecular Mass	The methionyl form of the <i>E. coli</i> expressed mature human IL-15 contains 121 amino acid residues (including an N-terminal His6-tag) and has a molecular mass of 14 kDa.
Purity	≥ 95%, as determined by SDS-PAGE.
Endotoxin Level	< 0.1 ng per 1 µg (< 1000 EU/mg), as determined by LAL gel clot test.
Activity	Measured in a cell proliferation assay using an IL-15-dependent cell line, CTLL-2.  ED50 is typically 0.025 – 0.4 ng/ml (Activity: >5x10 <sup>6</sup> IU/mg) calibrated with the 1 <sup>st</sup> International Standard NIBSC, # 95/554
Sterility	Sterility test of the vial product (direct inoculation).
Formulation	Lyophilized from a protein solution in PBS (300 mM NaCl) + 0.1% Tween 20
Amount per Vial	50 µg or 10 µg, as determined by spectrophotometrical measurement at 280 nm using formulation buffer as reference.
Transport	Ambient temperature
Storage at	-20°C to -80°C. Avoid repeated freeze-thaw cycles.
Shelf life	2 years from date of production
Intended Use	<b>For research use only.</b> <b>Not intended for diagnostic or therapeutic use.</b>

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