



UNITED STATES DEPARTMENT OF COMMERCE
National Institute of Standards and Technology
Gaithersburg, Maryland 20899-0001

DATE: 23 July 2020

Product Identifier

SRM Number: 2927

SRM Name: ¹⁵N-Labeled Recombinant Human Insulin-like Growth Factor 1
(Frozen)

Under the U.S. Department of Labor, Occupational Safety and Health Administration (OSHA) 29 CFR 1910.1200, this Standard Reference Material (SRM) is NOT classified as a physical hazard or a health hazard, a simple asphyxiant, combustible dust, pyrophoric gas, or hazard not otherwise classified. There are no hazard pictograms, hazard statements or signal word associated with it. Safety Data Sheet information is not required. This document may be used in conjunction with your hazard communication program.

Exemption: 1910.1200(b)(6)(xii). This SRM is a biological material and should be considered a potential biological hazard.

Description: This Standard Reference Material (SRM) is a solution of recombinant human insulin-like growth factor 1 (IGF-1) which has been enriched with nitrogen-15 (¹⁵N). SRM 2927 IS INTENDED FOR RESEARCH USE ONLY. This SRM is intended primarily for use as an internal standard for stable isotope dilution liquid chromatography mass spectrometry methods used for the quantification of human IGF-1. A unit of SRM 2927 consists of three vials, each containing approximately 50 μ of ¹⁵N-labeled recombinant human IGF-1 solution.

Additional Notes for Biomaterials: SRM 2927 has been obtained from bacteria cells and has the potential to contain toxins that may pose a health risk. Normal caution and care should be exercised during the material's handling and use. See Certificate of Analysis for storage and use instructions.

Disposal: SRM 2927 components and derived solutions should be disposed of in accordance with local, state, and federal regulations.

Transport Information: This material is not regulated by the U.S. Department of Transportation (DOT) and/or International Air Transport Association (IATA).

Disclaimer: The NIST information in this document is specific to the NIST product and is believed to be correct, based upon our current knowledge. This document may not necessarily be all inclusive and should be used only as a guide. NIST does not guarantee the accuracy or completeness of this information. The only official source for specific values and uncertainties is the certificate or report.

Users of this SRM should ensure that this document and the corresponding Certificate of Analysis in their possession are current. This can be accomplished by contacting the SRM Program: telephone (301) 975-2200; fax (301) 948-3730; e-mail srmmsds@nist.gov; or via the Internet at <https://www.nist.gov/srm>.