

# Material Safety Data Sheet

OSHA "Hazard Communication" (29 CFR 1910.1200)

## LONG®R<sup>3</sup>IGF-IEGF Media Grade

CATALOG NO. 85570C

### Section I – Product Identification

**Product Name:**

LONG®EGF Media Grade

**Product Number:**

85570C

**Product Classification:**

Biochemical

The subject biochemical is a recombinant analog of human Epidermal Growth Factor.

### Section II – Physical Data

**Appearance:**

White powder

### Section III – Hazardous Ingredients

Section Not Applicable.

### Section IV – First Aid

In case of contact with eyes, flush thoroughly with water and contact a physician. In case of accidental swallowing, rinse the mouth with fresh water, provided the person is conscious. Contact a physician. In case of contact with skin, wash the affected area with copious quantities of water. Remove contaminated clothing and call a physician. In case of inhalation, remove to fresh air. Give oxygen if breathing becomes difficult. If not breathing, give artificial respiration. Contact a physician.

### Section V – Fire and Explosion Hazard Data

**Extinguishing Media:**

Water spray, dry chemical powder or appropriate foam.

Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus. Flash Point and flammable limits are not known. Any organic powder can be potentially explosive if disbursed in air in certain concentrations. These concentrations have not been determined.

### Section VI – Health (Toxicological) Hazard Data

This product is a potential irritant to eyes, respiratory system and skin. The product may also be harmful if ingested. Complete toxicological properties have yet to be determined.

**United States**

SAFC Biosciences, Inc.  
13804 W. 107th Street  
Lenexa, Kansas 66215  
USA  
Phone +1 913-469-5580  
Toll free-USA 1 800-255-6032  
Fax +1 913-469-5584  
E-mail info-na@sial.com

**Europe**

SAFC Biosciences Ltd.  
Smeaton Road, West Portway  
Andover, Hampshire SP10 3LF  
UNITED KINGDOM  
Phone +44 (0)1264-333311  
Fax +44 (0)1264-332412  
E-mail info-eu@sial.com

**Asia Pacific**

SAFC Biosciences Pty. Ltd.  
18-20 Export Drive  
Brooklyn, Victoria 3025  
AUSTRALIA  
Phone +61 (0)3-9362-4500  
Toll free-AUS 1 800-200-404  
Fax +61 (0)3-9315-1656  
E-mail info-ap@sial.com

[www.safcbiosciences.com](http://www.safcbiosciences.com)

## Section VII – Stability and Reactivity

Stable. Hazardous Polymerization will not occur. Hazardous Combustion or Decomposition Products: Toxic fumes of carbon monoxide and carbon dioxide, nitrogen oxides, sulfur oxides.

## Section VIII – Special Protection Information

### Eye Protection:

Safety glasses or goggles required.

### Protective Gloves:

Chemical-resistant gloves required.

### Respiratory Protection:

Protective mask recommended.

### Ventilation:

Mechanical (general) or local exhaust required.

### Other Protection Equipment:

Safety shower and eye bath. Protective clothing recommended.

## Section IX – Handling and Storage Precautions/Comments

### Store at:

2 to 8 C (lyophilized)

### Intended Use:

For research or for further manufacturing use. THIS PRODUCT IS NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.

## Section X – Spill or Leak Procedures

### Spill:

Wear respirator, safety glasses or goggles, protective clothing and chemical-resistant gloves. Carefully sweep up powder, place in a closed container and hold for waste disposal. Avoid raising dust. Wash area thoroughly after clean-up is complete.

### Waste Disposal:

Follow all Federal, state and local regulations for chemical waste disposal.

## Section XI – Disclaimer

The information, data and recommendations contained herein are believed to be accurate but may not be all-inclusive and should only be used as a guide. SAFC Biosciences makes no warranty of any kind whatsoever with respect thereto and disclaims all liability from reliance thereon. We reserve the right to revise this MSDS periodically as new information becomes available.

### Warranty, Limitation of Remedies

SAFC Biosciences warrants to the purchaser for a period of one year from date of delivery that this product conforms to its specifications. Other terms and conditions of this warranty are contained in SAFC Biosciences' written warranty, a copy of which is available upon request. ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. In no case will SAFC Biosciences be liable for any special, incidental, or consequential damages arising out of this product or the use of this product by the customer or any third party based upon breach of warranty, breach of contract, negligence, strict tort, or any other legal theory. SAFC Biosciences expressly disclaims any warranty against claims by any third party by way of infringement or the like. THIS PRODUCT IS INTENDED FOR PURPOSES DESCRIBED ONLY AND IS NOT INTENDED FOR ANY HUMAN OR THERAPEUTIC USE.

Additional Terms and Conditions are contained in the product Catalog, a copy of which is available upon request.

LONG® is a trademark of Novozymes GroPep.

© 2008 SAFC Biosciences, Inc.

Issued February 2008 M85570  
0103 0805 1005 0406 1206 0407

### United States

SAFC Biosciences, Inc.  
13804 W. 107th Street  
Lenexa, Kansas 66215  
USA  
Phone +1 913-469-5580  
Toll free-USA 1 800-255-6032  
Fax +1 913-469-5584  
E-mail info-na@sial.com

### Europe

SAFC Biosciences Ltd.  
Smeator Road, West Portway  
Andover, Hampshire SP10 3LF  
UNITED KINGDOM  
Phone +44 (0)1264-333311  
Fax +44 (0)1264-332412  
E-mail info-eu@sial.com

### Asia Pacific

SAFC Biosciences Pty. Ltd.  
18-20 Export Drive  
Brooklyn, Victoria 3025  
AUSTRALIA  
Phone +61 (0)3-9362-4500  
Toll free-AUS 1 800-200-404  
Fax +61 (0)3-9315-1656  
E-mail info-ap@sial.com