

GlutaMAX™-I CTS™ (100X)

Description

GlutaMAX™-I CTS™, L-alanyl-L-glutamine, is a dipeptide substitute for L-glutamine and can be used as a direct substitute for L-glutamine at equimolar concentrations in mammalian and stem cell culture with minimal or no adaptation. GlutaMAX™-I CTS™ is highly soluble, heat stable, and improves growth efficiency and performance of mammalian cell culture systems. GlutaMAX™-I CTS™ eliminates problems associated with the spontaneous breakdown of L-glutamine into ammonia during incubation. The Gibco® CTS™ product line enables you to reduce your burden in qualifying reagents during your transition from research applications to clinical applications.

Product	Catalog No.	Amount	Storage	Shelf Life*
GlutaMAX™-I CTS™	A12860-01	100 mL	15°C to 30°C	24 months

* Shelf Life duration is determined from Date of Manufacture.

Product Use

For Research Use or For Use in Manufacturing Cell-Gene- or Tissue-based Products. CAUTION: Not for direct administration into humans or animals.

Important Information

Formulated as a 200-mM L-alanyl-L-glutamine dipeptide in 0.85% NaCl.

Safety Information

Read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves.

Use

Direct equimolar substitution for L-glutamine in mammalian cell culture.

Supplement with GlutaMAX™-I CTS™









1. Aseptically add the required molar concentration to culture medium.
2. If a lag in growth is observed upon conversion to GlutaMAX™-I CTS™, we recommend that you supplement the culture media with GlutaMAX™-I CTS™ and L-glutamine at a 3:1 concentration (e.g., if an 8 mM final concentration is required, use 6 mM GlutaMAX™ I CTS™ and 2 mM L-glutamine) for the first and second passages during adaptation to the new culture conditions.

Related Products

Product	Catalog No.
L-glutamine-200mM (100X), Liquid	25030
GlutaMAX™-I, 200 mM (100X), Liquid	35050

Explanation of Symbols and Warnings

The symbols present on the product label are explained below:

			
Temperature Limitation	Manufacturer	Batch code	Catalog number
			
Caution, consult accompanying documents	Consult instructions for use	Use By:	Sterilized using aseptic processing techniques

Limited Use Label License: Internal Research and Bioproduction Use

The purchase of this product conveys to the purchaser the limited, non-transferable right to use the purchased amount of the product (a) to perform internal research for the sole benefit of the purchaser; and (b) to culture cells for the purpose of producing a product wherein the product will be used for any or all of the following: (i) internal research use by the purchaser; (ii) resale for internal research use by third parties; (iii) performance of research conducted by the purchaser on a fee for service or contract basis for or on behalf of third parties; (iv) resale for use as a human therapeutic agent or diagnostics product or component by third parties; (v) performance of manufacturing services conducted by the purchaser on a fee for service or contract basis for or on behalf of third parties.

The purchase of this product does not grant the purchaser any additional rights, including (without limitation) the right to transfer or resell the product in any form, the right to use the product as a therapeutic agent or diagnostics test component, or to use the product to perform other tests on a contract or fee per test basis for or on behalf of third parties. For information on obtaining additional rights, please contact outlicensing@lifetech.com or Out Licensing, Life Technologies, 5791 Van Allen Way, Carlsbad, California 92008.

Limited Product Warranty

Life Technologies Corporation and/or its affiliate(s) warrant their products as set forth in the Life Technologies' General Terms and Conditions of Sale found on Life Technologies' website at www.lifetechnologies.com/termsandconditions. If you have any questions, please contact Life Technologies at www.lifetechnologies.com/support.

For additional technical information such as Safety Data Sheets (SDS), Certificates of Analysis, visit www.lifetechnologies.com/support
For further assistance, email celltherapysupport@lifetech.com

© 2012 Life Technologies Corporation. All rights reserved. The trademarks mentioned herein are the property of Life Technologies Corporation or their respective owners.

LIFE TECHNOLOGIES CORPORATION AND/OR ITS AFFILIATE(S) DISCLAIM ALL WARRANTIES WITH RESPECT TO THIS DOCUMENT, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THOSE OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT. TO THE EXTENT ALLOWED BY LAW, IN NO EVENT SHALL LIFE TECHNOLOGIES AND/OR ITS AFFILIATE(S) BE LIABLE, WHETHER IN CONTRACT, TORT, WARRANTY, OR UNDER ANY STATUTE OR ON ANY OTHER BASIS FOR SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, MULTIPLE OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH OR ARISING FROM THIS DOCUMENT, INCLUDING BUT NOT LIMITED TO THE USE THEREOF.

www.lifetechnologies.com

