

# CellFree Sciences

The natural power of wheat driving science

## High Performance Cell-Free Wheat Germ Protein Expression System

### PRODUCT INFORMATION

**Product Name:** SUB-AMIX® SGC (S-1, S-2, S-3, S-4)

**Product Number(s):** CFS-SUB-SGC (4x12.5 ml) and CFS-SUB-SGCS (4x7 ml)

**Product Size:** 4 times 12.5 ml or 4 times 7 ml

**Concentration:** 40 x working concentration

**Storage:** -20°C

Intended for use in combination with WEPRO®7240/WEPRO®7240G/WEPRO®7240H wheat germ cell-free protein expression system.

**Version/date:** Version 3.0\_eng/May 2022

This Product has a shelf life of 1 year being properly stored at -20°C.

All our products are for RESEARCH USE ONLY. NOT FOR HUMAN OR ANIMAL THERAPEUTIC OR DIAGNOSTIC USE.

All our manuals and SDS are available for download in PDF versions on our homepage at: <https://www.cfsciences.com/eg/>. Work with electronic versions where possible to reduce paper waste.



*Our products are produced under a strict quality management system offering high-quality reagents including wheat germ extracts from wheat obtained by natural farming in Japan.*



## PRODUCT INFORMATION

### Shipment and Storage

Our products are shipped on dry ice. Store the reagents at -20°C upon arrival. The reagents are temperature sensitive and should be always stored in a freezer at -20°C. Keep reagents on ice while using them at the bench. Avoid unnecessary freeze/thawing.

### Description

The translation buffer can only be used in combination with our wheat germ extracts WEPRO®7240/WEPRO®7240G/WEPRO®7240H and Transcription Buffer LM! The translation buffer SUB-AMIX® SGC is provided as a set of four different 40 times stock solutions (S-1, S-2, S-3, S-4).

To prepare 40 ml of 1x SUB-AMIX® SGC translation buffer, add 1 ml of each S-1 through S-4 stock solution to 36 ml of nuclease-free water (\*) while stirring the solution. DO NOT mix the stock solutions directly as the amino acids will precipitate. To avoid multiple freeze-thawing cycles, subdivide 1x SUB-AMIX® SGC translation buffer into appropriate aliquots before storing them at -20°C.

Note (\*): We DO NOT recommend homemade DEPC treated water.

Refer to our protocols for more information on how this product can be used in transcription reactions and in combination with our wheat germ cell-free protein expression system.

### Customer Information

#### Technical Support

Contact us for technical support and any other inquiries at the contact information provided below.

#### Trademarks

ENDEXT®, WEPRO® and SUB-AMIX® are registered trademarks of CellFree Sciences Co., Ltd.

#### Others

All product specifications and information in the manual may be changed without prior notice.

### Contact

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*Follow us on Twitter (@CFSciences) and LinkedIn for up-to-date information on new publications, products, and the use of our expression system.*

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