

CellFree Sciences

The natural power of wheat driving science

High Performance Cell-Free Wheat Germ Protein Expression System

PRODUCT INFORMATION

Product Name: SUB-AMIX® SG NA (S-1, S-2, S-3, S-4)

Product Number(s): CFS-SUB-SG-NAA (4x12.5 ml)

Product Size: 4 times 12.5 ml

Concentration: 40 x working concentration

Storage: -20°C

Amino acid-free buffer for use on Protomist XE in combination with WEPRO®8240/WEPRO®8240G/WEPRO®8240H 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

ONLY use translation buffer SUB-AMIX-SG NA when working with the Protomist XE Instrument! SUB-AMIX-SG NA is an amino acid-free translation buffer and must be used in combination with our wheat germ extracts WEPRO®8240/WEPRO®8240G/WEPRO®8240H and Transcription Buffer LM! The translation buffer SUB-AMIX-SG NA is provided as a set of four different 40 times stock solutions (S-1, S-2, S-3, S-4).

To prepare 400 ml of 1x SUB-AMIX® SG NA translation buffer, add 10 ml of each S-1 through S-4 stock solution to 360 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® SG NA translation buffer into appropriate aliquots before storing them at -20°C. This is an amino acid-free buffer and user MUST add the necessary amino acids before use in translation reactions.

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

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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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