

High Performance Cell-Free Wheat Germ Protein Expression System

PRODUCT INFORMATION

Product Name: WEPRO®8240/WEPRO®8240G/WEPRO®8240H

Product Number(s): CFS-WGE-8240 (WEPRO®8240); CFS-WGE-8240G (WEPRO®8240G); CFS-WGE-8240H (WEPRO®8240H)

Product Size: 1 ml

Storage: -80°C

Amino acid-free wheat germ extracts intended for use in combination with Transcription Buffer LM and Translation Buffer SUB-AMIX-SGC-NA.

Version/date: Version 3.0_eng/May 2022

This Product has a shelf life of 1 year being properly stored at -80°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.

Shipment and Storage

Our products are shipped on dry ice. Store the wheat germ extracts at -80°C upon arrival. These reagents are highly temperature sensitive and should be always stored in a freezer at -80°C. Keep reagents on ice while using them at the bench. Avoid unnecessary freeze/thawing. A wheat germ extract may be thawed up to 3 times before losing its activity. Use of liquid nitrogen is recommended for shock freezing wheat germ extracts. When using the reagent, mix it gently by pipetting several times. Avoid bubbling.

Description

The amino acid-free WEPRO®8240/WEPRO®8240G/WEPRO®8840H wheat germ extracts are prepared according to special procedures assuring a very high protein synthesis activity. This extracts only work in combination with the Transcription Buffer LM and the translation buffer SUB-AMIX-SGC-NA. DO NOT use other buffer systems when working with wheat germ extract of the WEPRO®8240 series. Since these reagents are amino acid-free, users MUST add the necessary amino acids before use!

Wheat germ extract WEPRO®8240G was precleared on a glutathione resin and is intended for expressing proteins having a GST-tag.

Wheat germ extract WEPRO®8240H was precleared on a Ni resin and is intended for expressing proteins having a His-tag.

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.

PRODUCT INFORMATION

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