

Product Information

MemDX™ Large-scale Cell-free Membrane Protein Expression in Wheat Germ lysate for GST-tagged Protein Production

Cat. No.: **MPCFK-3-8**

This product is for research use only and is not intended for diagnostic use.

General Description

MemDX™ Large-scale Cell-free Protein Expression in Wheat Germ lysate for GST-tagged Protein Production Kit is a cell-free protein synthesis system using wheat germ extracts for GST-tagged protein production. It contains 1 ml optimized and high-performance wheat germ extract for different reaction scales. The lysate removed wheat proteins that would otherwise bind to glutathione during the purification step. This kit is premixed and allow to setup the transcription and translation reaction by just a few pipetting steps. It's a bilayer format for performing large-scale protein expression reactions.

Lysate Type

Wheat Germ lysate

Size

Different reaction scales

Reaction Volume

Different reaction scales

Expected Yield of Positive Control

20-40 µg/ml

Components

Wheat Germ Extracts
40xReaction buffer component 1
40xReaction buffer component 2
40xReaction buffer component 3
40xReaction buffer component 4
Creatine Kinase
5xTranscription Reagent
NTPmix
RNase Inhibitor
SP6 RNA Polymerase

Storage Conditions

Store at -80°C.