

Product Information

MemDX™ Large-scale Cell-free Membrane Protein Expression in Wheat Germ lysate for His-tagged Protein Labeling Reaction

Cat. No.: **MPCFK-3-12**

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 His-tagged Protein Labeling Reaction Kit is a cell-free protein synthesis system using wheat germ extracts. All amino acids from the wheat germ extract were removed essentially. Reaction buffer is amino acid free thus the user can control amino acids in their expression experiment. The user must purchase amino acids separately to conduct protein expression experiments. The lysate removed wheat proteins that would otherwise bind to Ni resins during the purification step.

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 removed Amino Acids
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.