

Product Information

MemDX™ Cell-free Membrane Protein Expression in Wheat Germ lysate 13C/15N His-tagged Protein Labeling for NMR

Cat. No.: **MPCFK-3-21**

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

General Description

MemDX™ Cell-free Protein Expression in Wheat Germ lysate 13C/15N His-tagged Protein Labeling for NMR Kit is a cell-free protein synthesis system using wheat germ extracts for protein labeling. 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 Ni resins during the purification step. The reaction buffer contains stable isotope 15N labeled amino acids.

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
40x 13C/15N Reaction buffer component 1
40x 13C/15N Reaction buffer component 2
40x 13C/15N Reaction buffer component 3
40x 13C/15N Reaction buffer component 4
Creatine Kinase
5×Transcription Reagent
NTPmix
RNase Inhibitor
SP6 RNA Polymerase

Storage Conditions

Store at -80°C.