

# Product Information

## **MemDX™ Cell-free Membrane Protein Expression in Wheat Germ lysate 13C/15N Protein**

### **Labeling for NMR**

Cat. No.: **MPCFK-3-19**

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 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 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.