

# Product Information

## **MemDX™ Small-scale Cell-free Membrane Protein Expression in Wheat Germ lysate for His-tagged Protein Production**

Cat. No.: **MPCFK-3-6**

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

### **General Description**

MemDX™ Small-scale Cell-free Protein Expression in Wheat Germ lysate for His-tagged Protein Production Kit is a cell-free protein synthesis system using wheat germ extracts for His-tagged protein production. The lysate is optimized and high-performance wheat germ extract and removed wheat proteins that would otherwise bind to Ni resins 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 small-scale protein expression reactions. The kit can be used either with plasmid DNA or with PCR DNA for protein expression.

### **Lysate Type**

Wheat Germ lysate

### **Size**

16 reactions

### **Reaction Volume**

226 µL per reaction

### **Expected Yield of Positive Control**

20-40 µg/ml

### **Components**

Wheat Germ Extracts  
Reaction buffer  
Transcription Reagent  
Aluminum seal

### **Storage Conditions**

Store at -80°C.