

**Product Specification Sheet**

Description: CypExpress™ 1A1  
Product Number: CE1A1.1  
Aliquot: 1.0 Gram  
Lot Number: ce1a1.160502  
Storage: -80°C

- DESCRIPTION:** CypExpress™ 1A1 is a permeabilized and stabilized dried yeast powder preparation containing recombinant human CYP 1A1 and recombinant human P450 NADPH oxidoreductase.
- ACTIVITY:** A reaction mixture containing 17 µM 7-ethoxyresoufin and 20 mg/mL of CypExpress™ 1A1 produced 0.5 uM resrufin in 4 hours at 37°C under the conditions described.
- THAWING:** It is important to avoid water adsorption during thawing. Remove the CypExpress™ vial from storage and warm to room temperature prior to opening. Return unused powder to -80°C.
- STORAGE:** Store at -80°C. Although CypExpress™ preparations can be warmed to room temperature multiple times, it is best to aliquot as needed to avoid multiple freeze/thaw cycles.
- SUGGESTED PROTOCOLS:** The basic protocols attached are intended as a starting point that can be optimized by an experienced user for specific applications and samples.